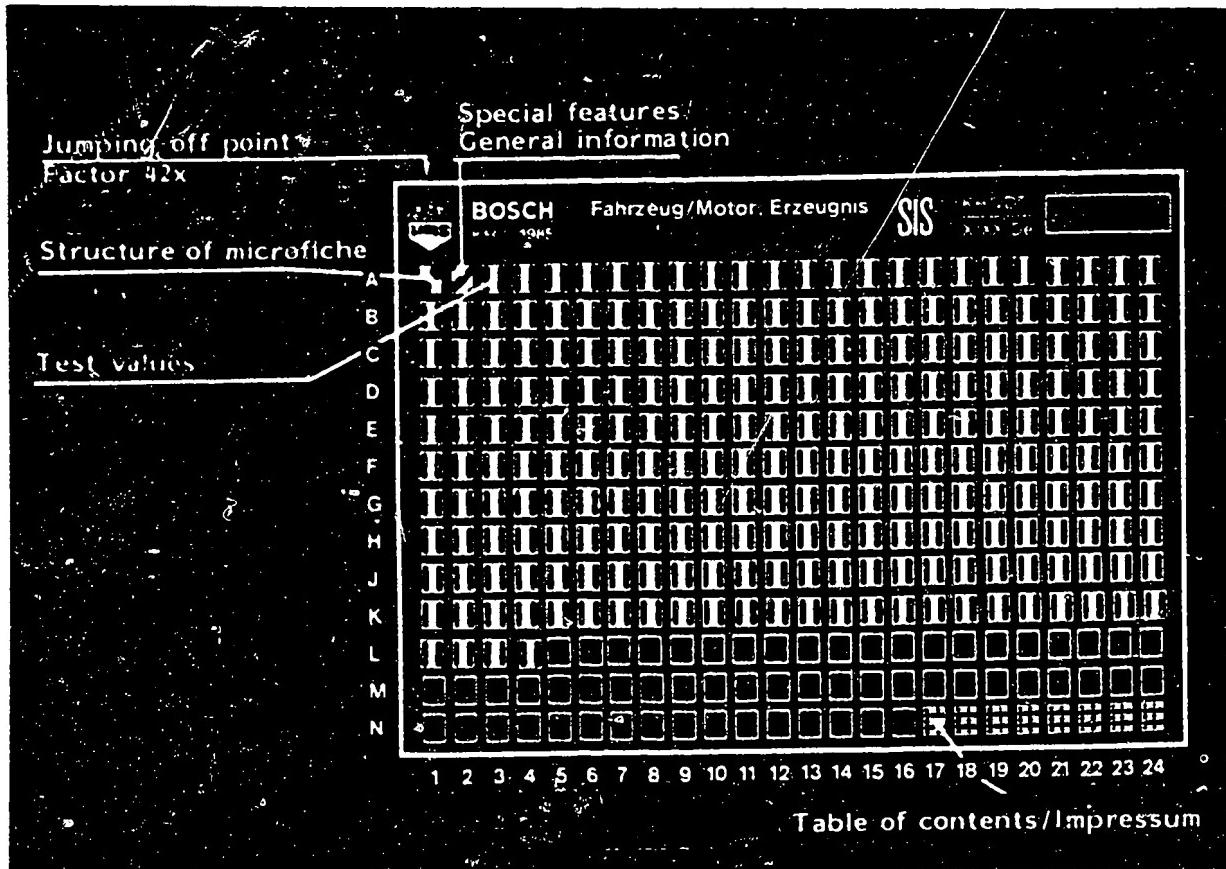
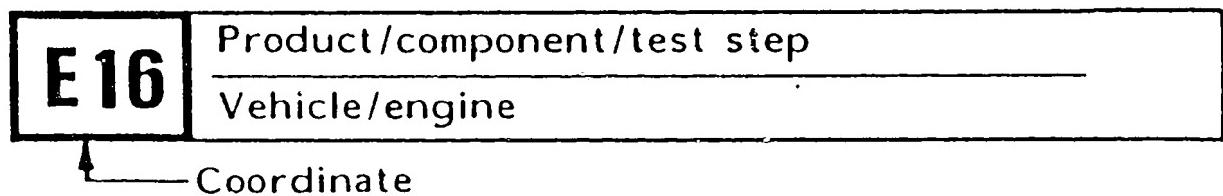


# Structure of microfiche



1. Read from left to right
2. Title of microfiche (appears on each coordinate)



3. Limits of section



A1

Test specifications



## 1. GENERAL

The test specifications on this Microcard are specially geared to the distributor test bench ZVS 50 (O 683 400 200) and to the ignition-distributor test adapter KDZV 7202. They are not to be used for other tests.

The test specifications for the corresponding ignition distributor can only be determined via the Microcard "List of Test Specifications" W-001/014.

## 2. SPECIAL FEATURES

Special clamping flanges and drivers are required for various ignition distributors in order to be able to test them properly (avoidance of damage).

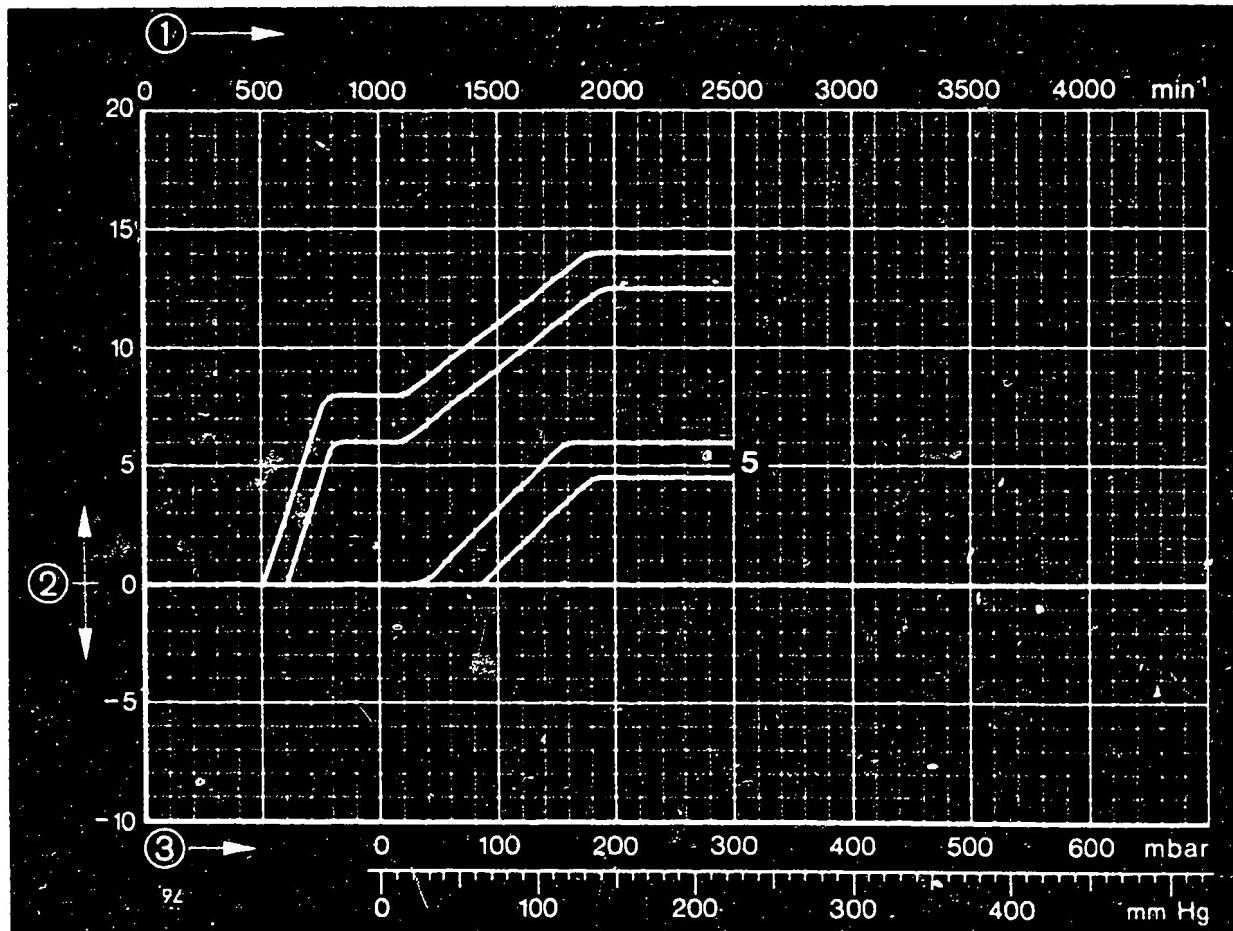
The clamping flange and driver are indicated beneath the test specifications for the ignition distributors concerned.

A2

Special features/General instructions

Ignition distributors O 231 ..





0 231 115 096

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment in ° distributor shaft
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

Min. contact gap:	0.45 mm
Dwell angle:	$47 \pm 3^\circ$
Contact pressure:	3.8...5.0 N
Margin for tolerance:	$\pm 0.5^\circ$ dist. shaft
FD:	227 →
Test instructions:	W-231/300

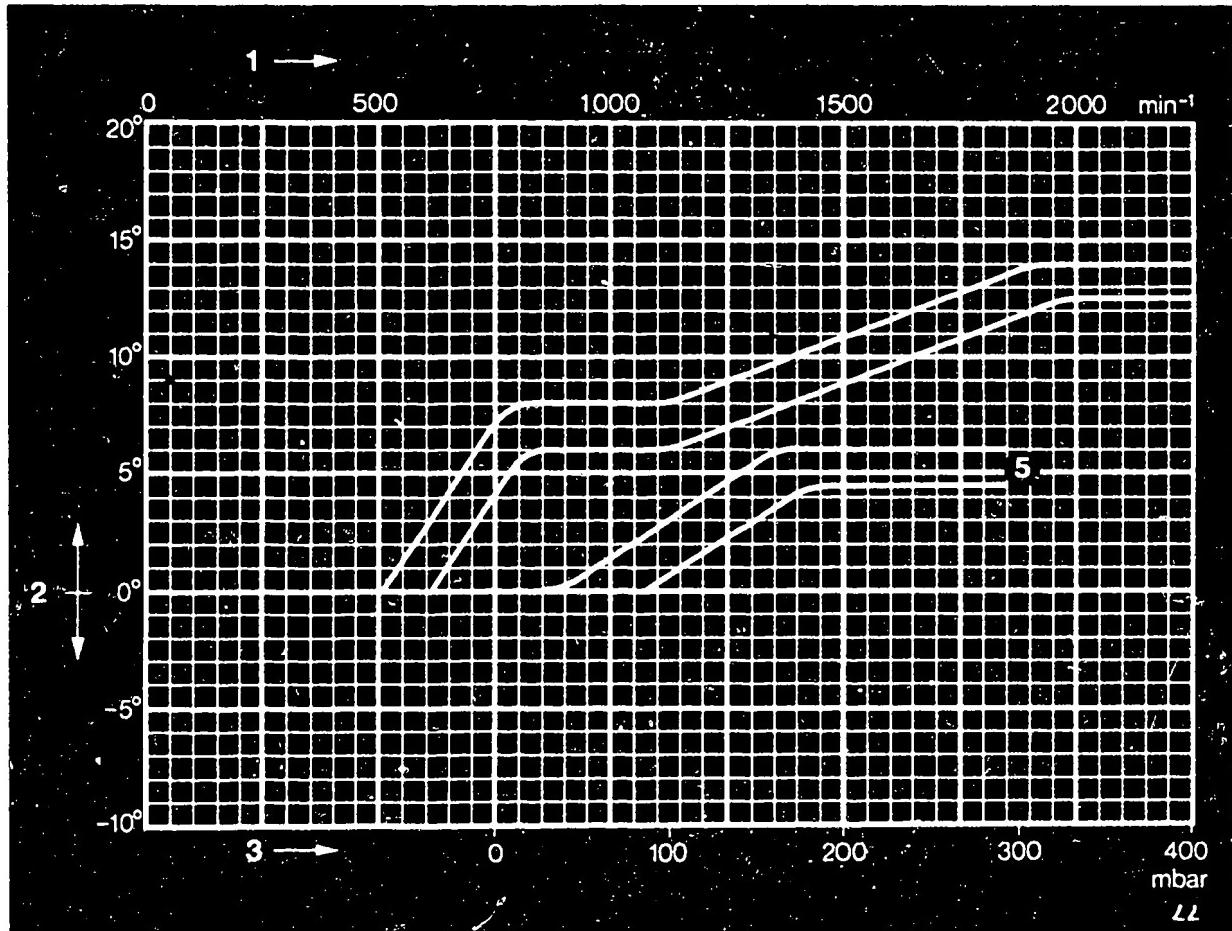
3. Test specifications for breaker-triggered ignition  
distributors 0 231 ..

**A3**

Test specifications

Ignition distributors 0 231 ..





0 231 115 096

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

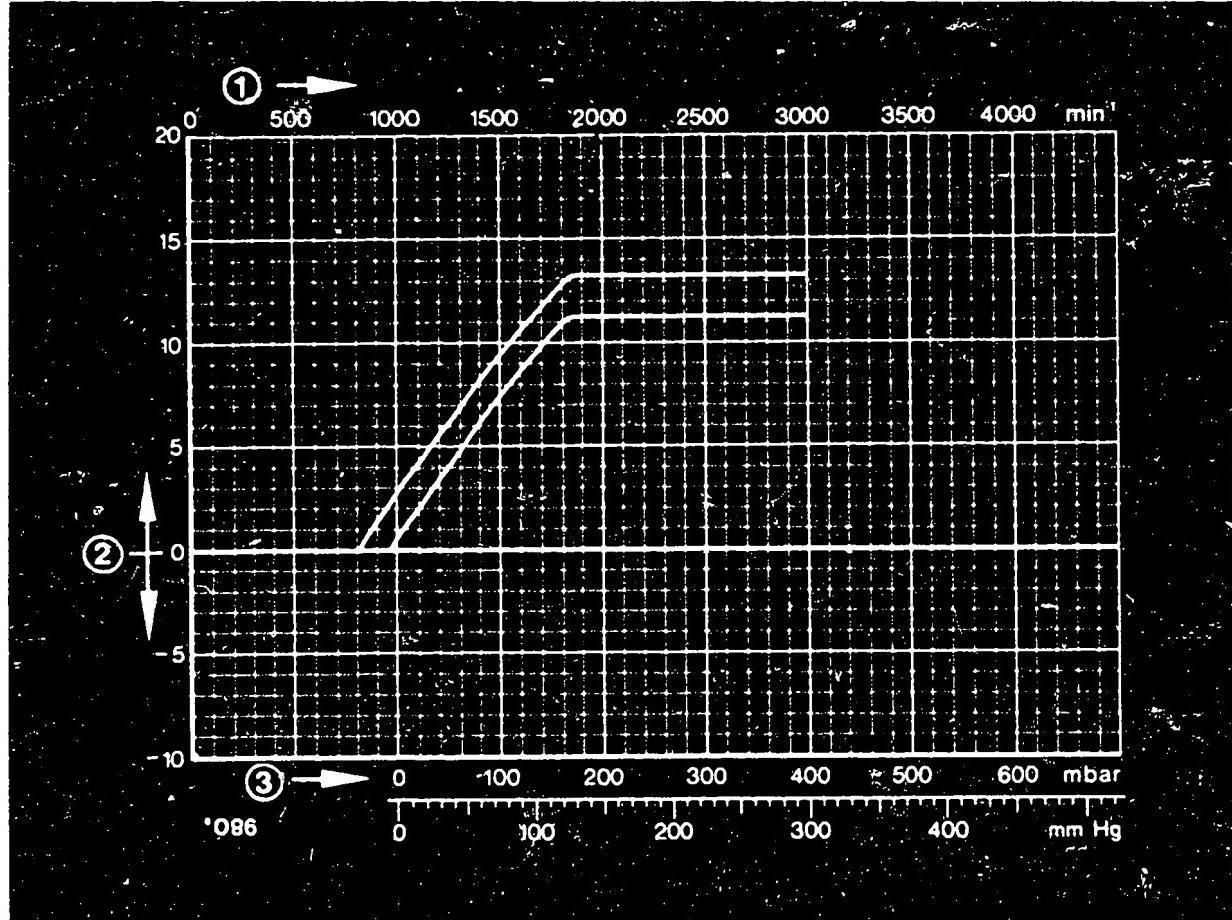
Min. contact gap:	0.45 mm
Dwell angle:	47 <u>±</u> 3°
Contact pressure:	3.8...5.0 N
Margin for tolerance:	<u>±</u> 0.5° dist. shaft
FD:	822 →
Test instructions:	W-231/300

A4

Test specifications

Ignition distributors 0 231 ..





0 231 117 009

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment in ° distributor shaft
- 3 = Negative gauge pressure (vacuum)

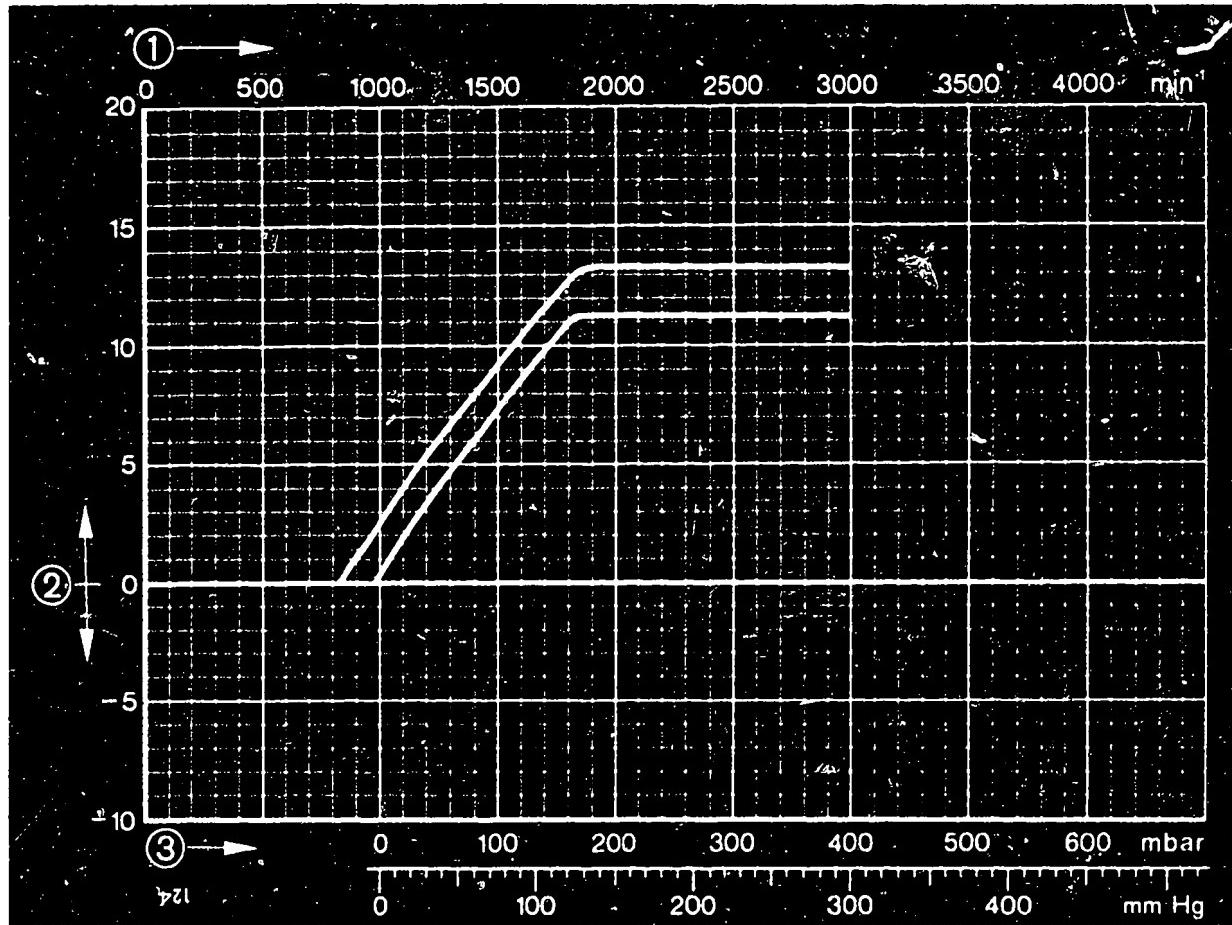
Min. contact gap:	0.45 mm
Dwell angle:	47 <u>±</u> 3 °
Contact pressure:	5.0...6.3 N
Margin for tolerance:	<u>±</u> 0.5 ° dist. shaft
FD:	722 →
Test instructions:	W-231/300

A5

Test specifications

Ignition distributors 0 231 ..





0 231 117 009

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment in ° distributor shaft
- 3 = Negative gauge pressure (vacuum)

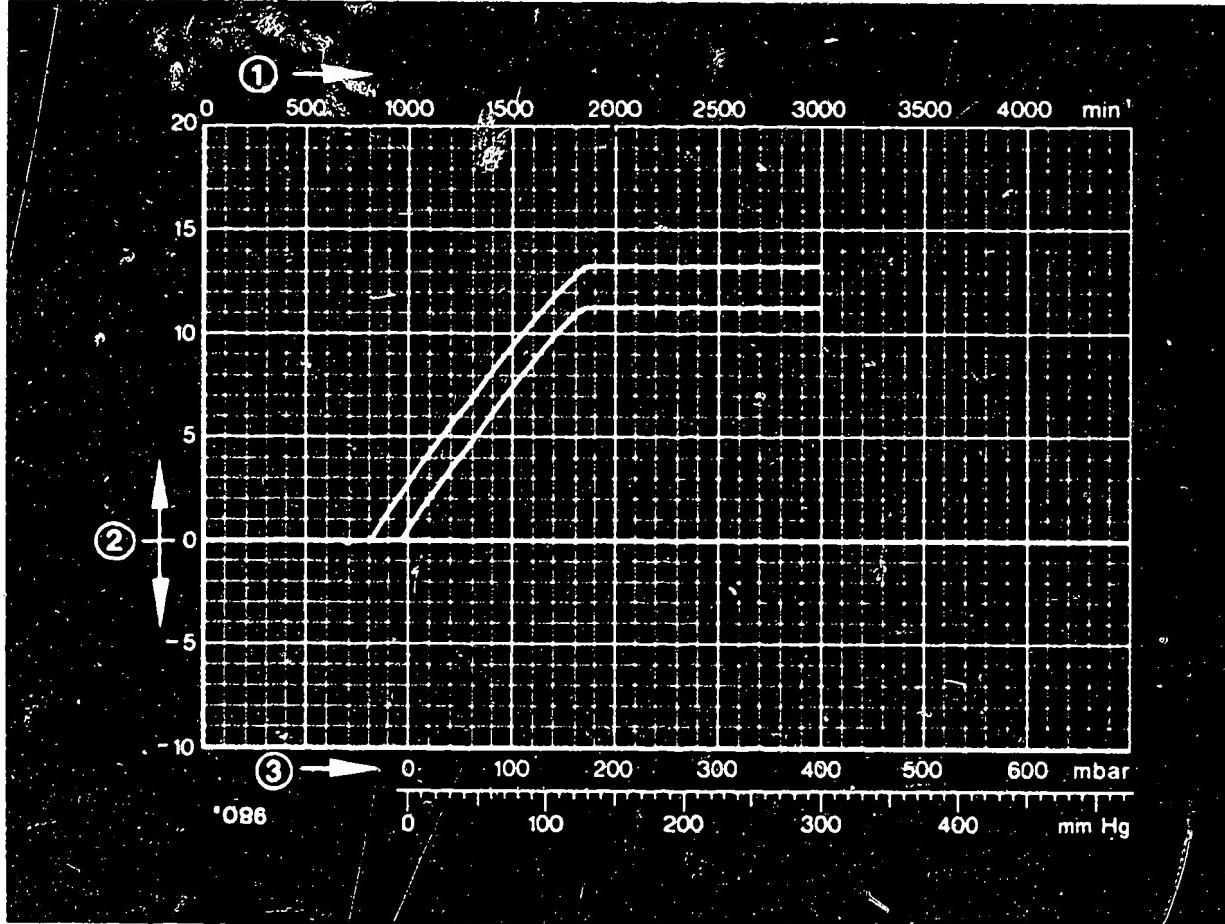
Min. contact gap:	0.45 mm
Dwell angle:	$47 \pm 3^\circ$
Contact pressure:	5.0...6.3 N
Margin for tolerance:	$\pm 0.5^\circ$ dist. shaft
FD:	725 →
Test instructions:	W-231/300

A6

Test specifications

Ignition distributors 0 231 ..





0 231 117 010

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment in ° distributor shaft
- 3 = Negative gauge pressure (vacuum)

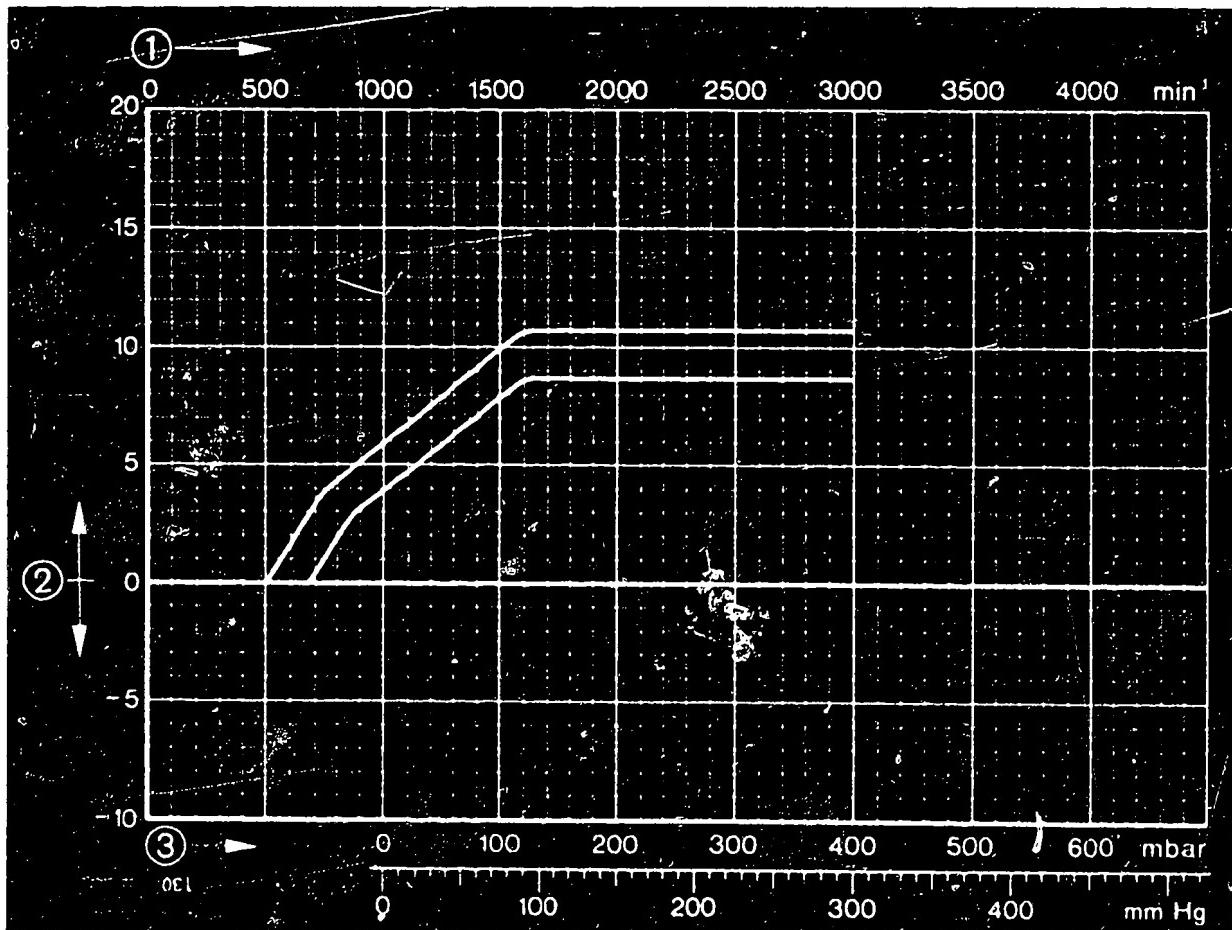
Min. contact gap:	0.45 mm
Dwell angle:	47 $\pm$ 3°
Contact pressure:	5.0...6.3 N
Margin for tolerance:	$\pm$ 0.5° dist. shaft
FD:	722 →
Test instructions:	W-231/300

A7

Test specifications

Ignition distributors 0 231 ..





0 231 117 013/014

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment in ° distributor shaft
- 3 = Negative gauge pressure (vacuum)

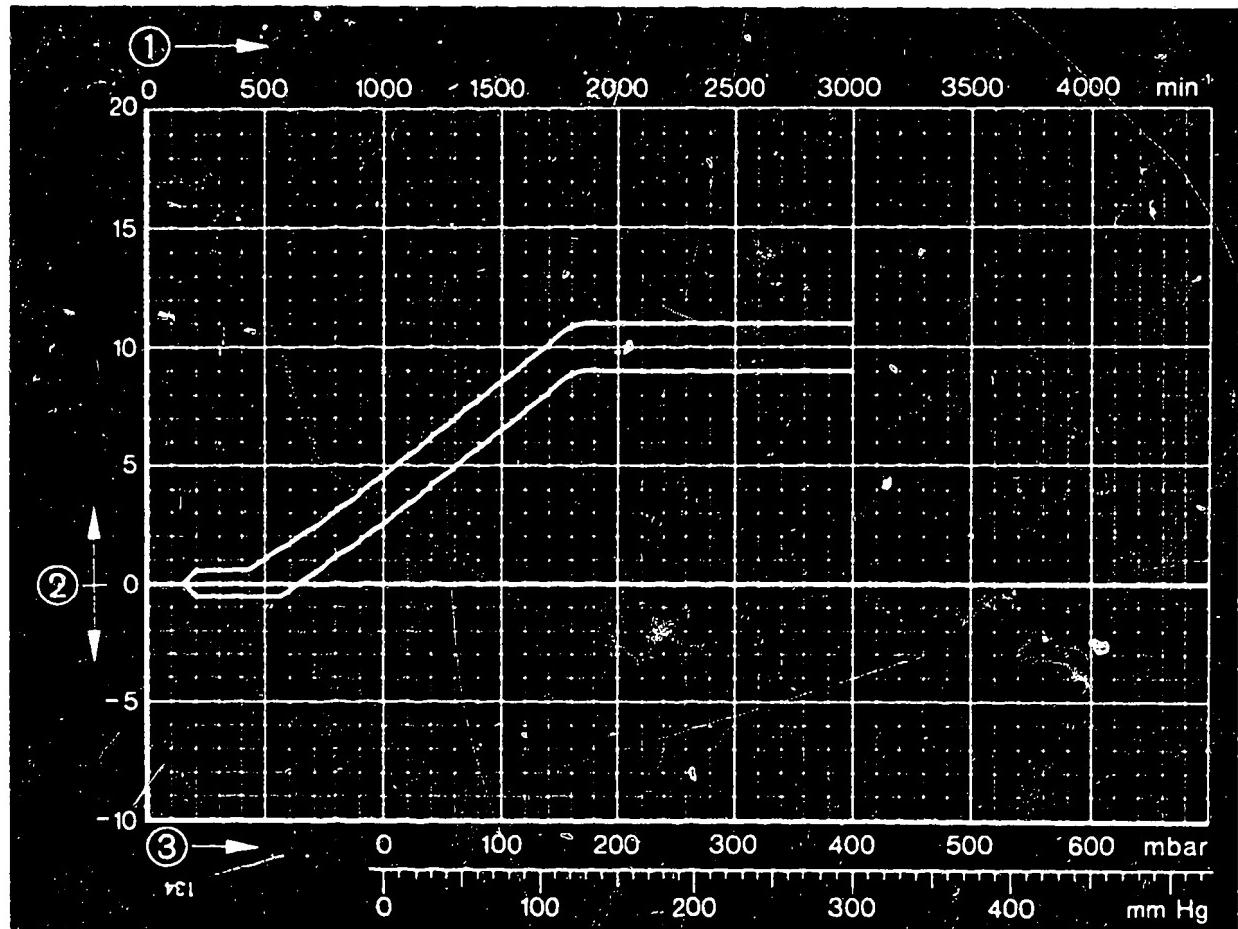
Min. contact gap:	0.45 mm
Dwell angle:	$47 \pm 3^\circ$
Contact pressure:	5,0...6.3 N
Margin for tolerance:	$\pm 0.5^\circ$ dist. shaft
FD:	625 →
Test instructions:	W-231/300

**A8**

Test specifications

Ignition distributors 0 231 ..





0 231 117 017

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment in ° distributor shaft
- 3 = Negative gauge pressure (vacuum)

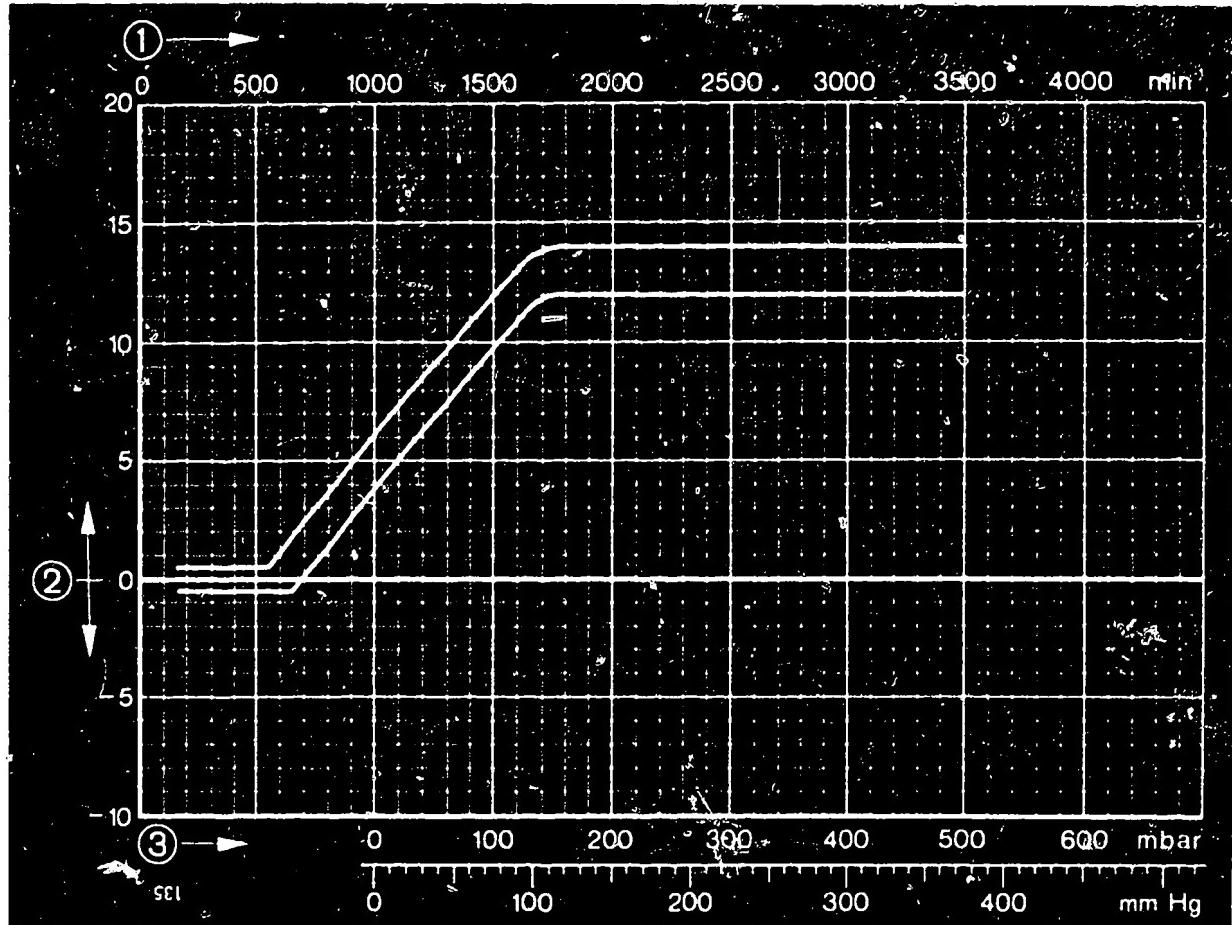
Min. contact gap:	0.45 mm
Dwell angle:	$47 \pm 3^\circ$
Contact pressure:	5,0...6,3 N
Margin for tolerance:	$\pm 0.5^\circ$ dist. shaft
FD:	425 →
Test instructions:	W-231/300

A9

Test specifications

Ignition distributors 0 231 ..





0 231 117 018

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment in ° distributor shaft
- 3 = Negative gauge pressure (vacuum)

Min. contact gap:	0.35 mm
Dwell angle:	$62 \pm 3^\circ$
Contact pressure:	5.0...6.3 N
Margin for tolerance:	$\pm 0.5^\circ$ dist. shaft

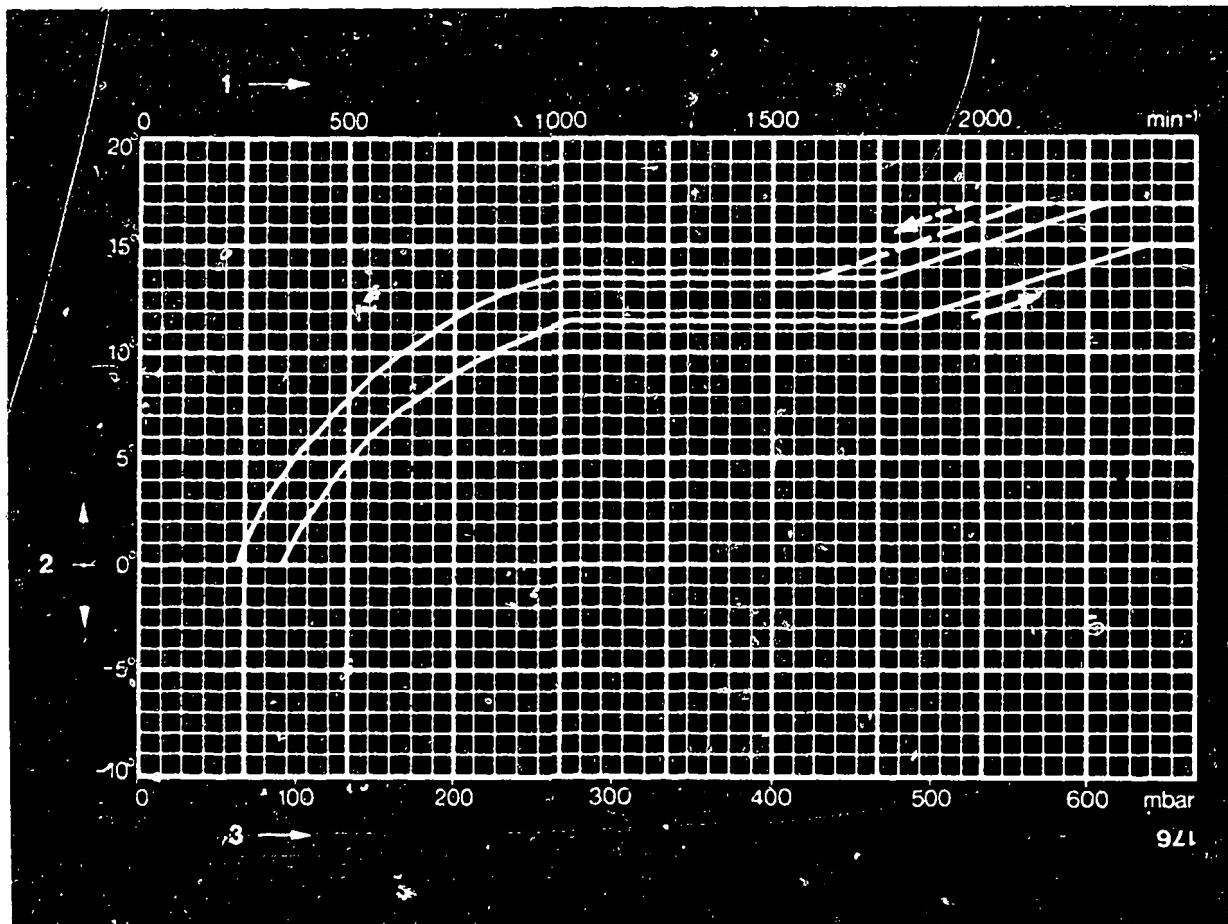
Test instructions: W-231/300

**A10**

Test specifications

Ignition distributors 0 231 ..





0 231 136 002

1 = Rotational speed, distributor shaft

2 = Distributor shaft adjustment

3 = Negative gauge pressure (vacuum)

Min. contact gap: , 0,30 mm

Dwell angle: 36  $\pm$  3°

Contact pressure: 5.0...6.3 N

Margin for tolerance:  $\pm$  0.5° dist. shaft

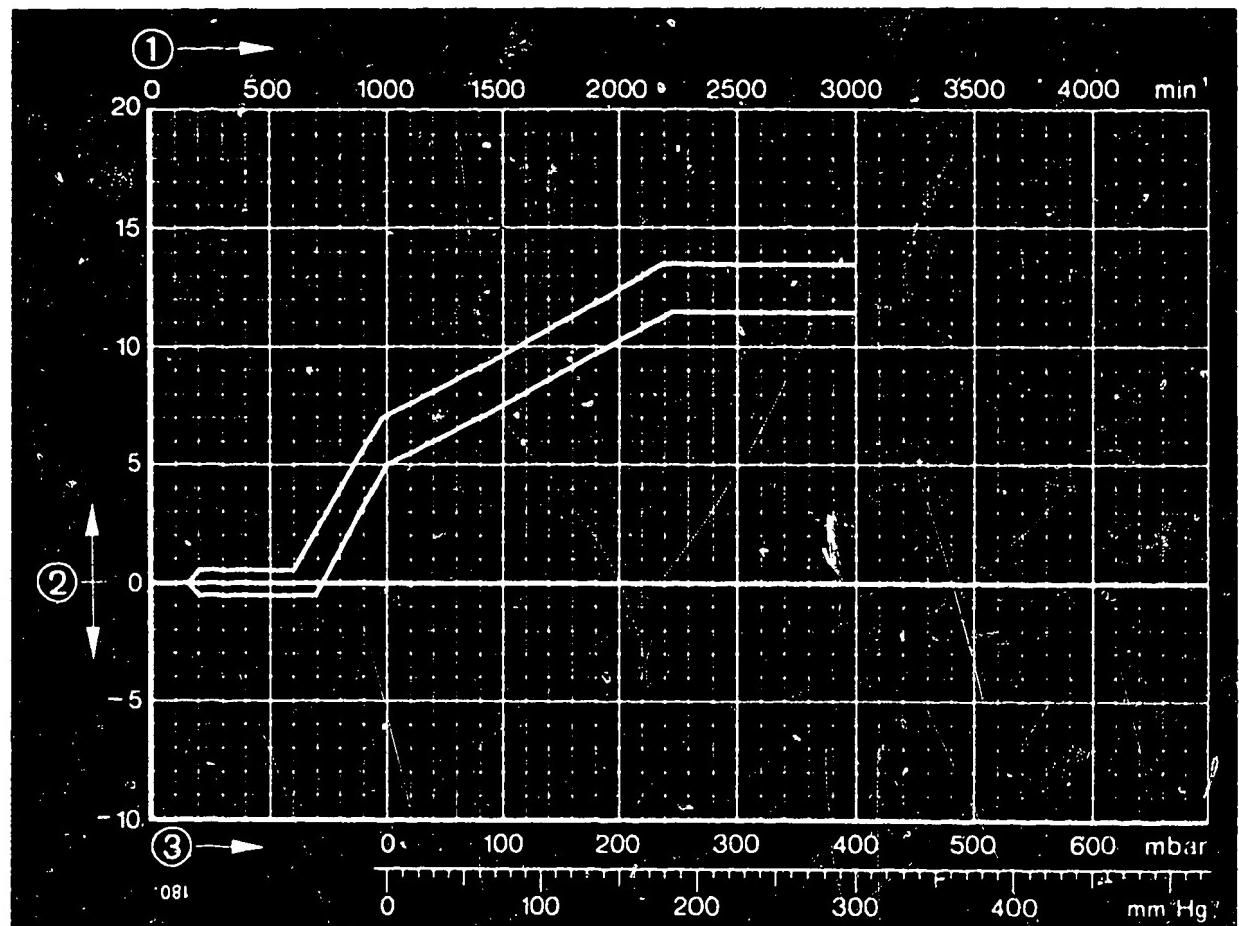
Test instructions: W-231/300

**A11**

Test specifications

Ignition distributors 0 231 ..





0 231 136 007

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment in ° distributor shaft
- 3 = Negative gauge pressure (vacuum)

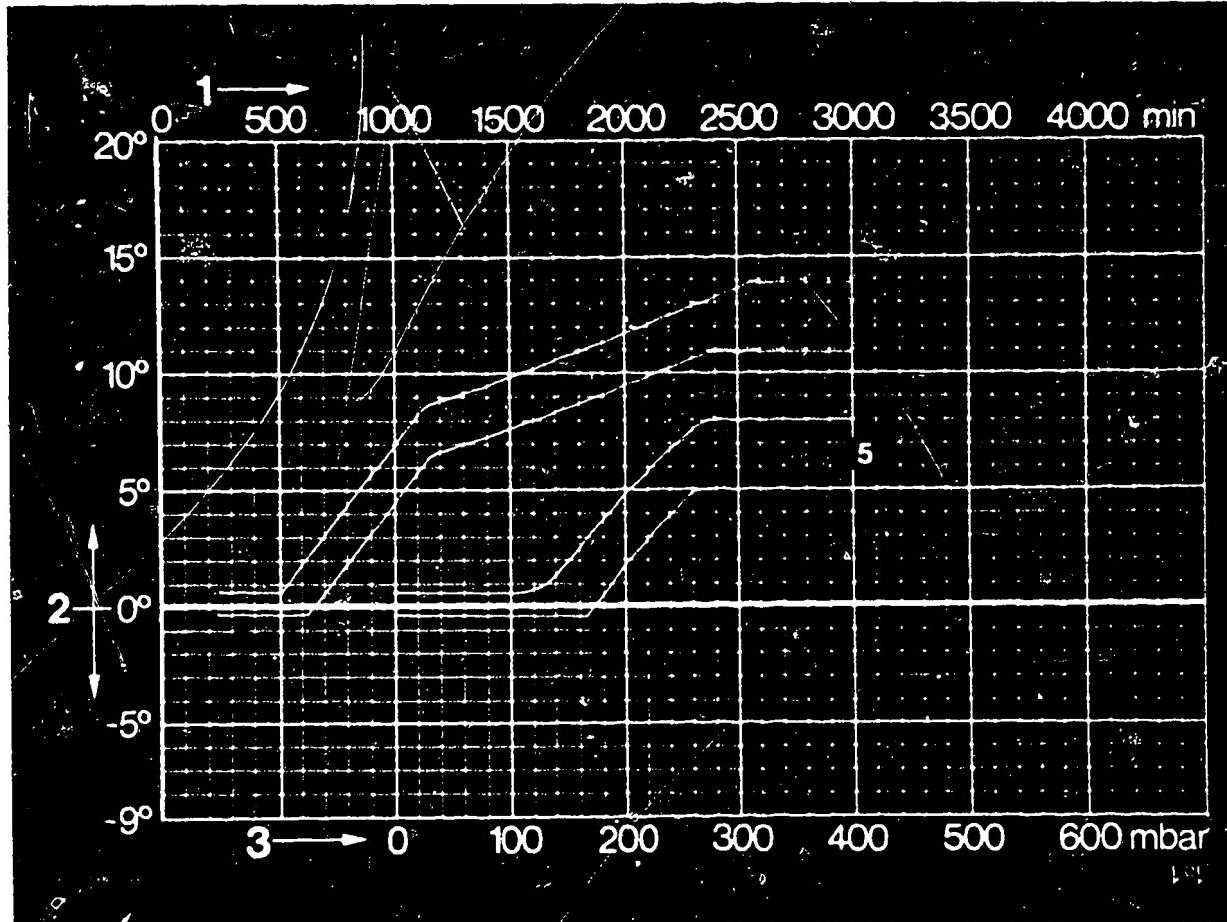
Min. contact gap:	0,30 mm
Dwell angle:	$38 \pm 3^\circ$
Contact pressure:	5,0...6,3 N
Margin for tolerance:	$\pm 0,5^\circ$ dist. shaft
FD:	622 →
Test instructions:	W-231/300

A12

Test specifications

Ignition distributors 0 231 ..





0 231 136 008

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

Min. contact gap:	0.35 mm
Dwell angle:	$38 \pm 3^\circ$
Contact pressure:	5.0...6.3 N
Margin for tolerance:	$\pm 0.5^\circ$ dist. shaft

Test instructions: W-231/300

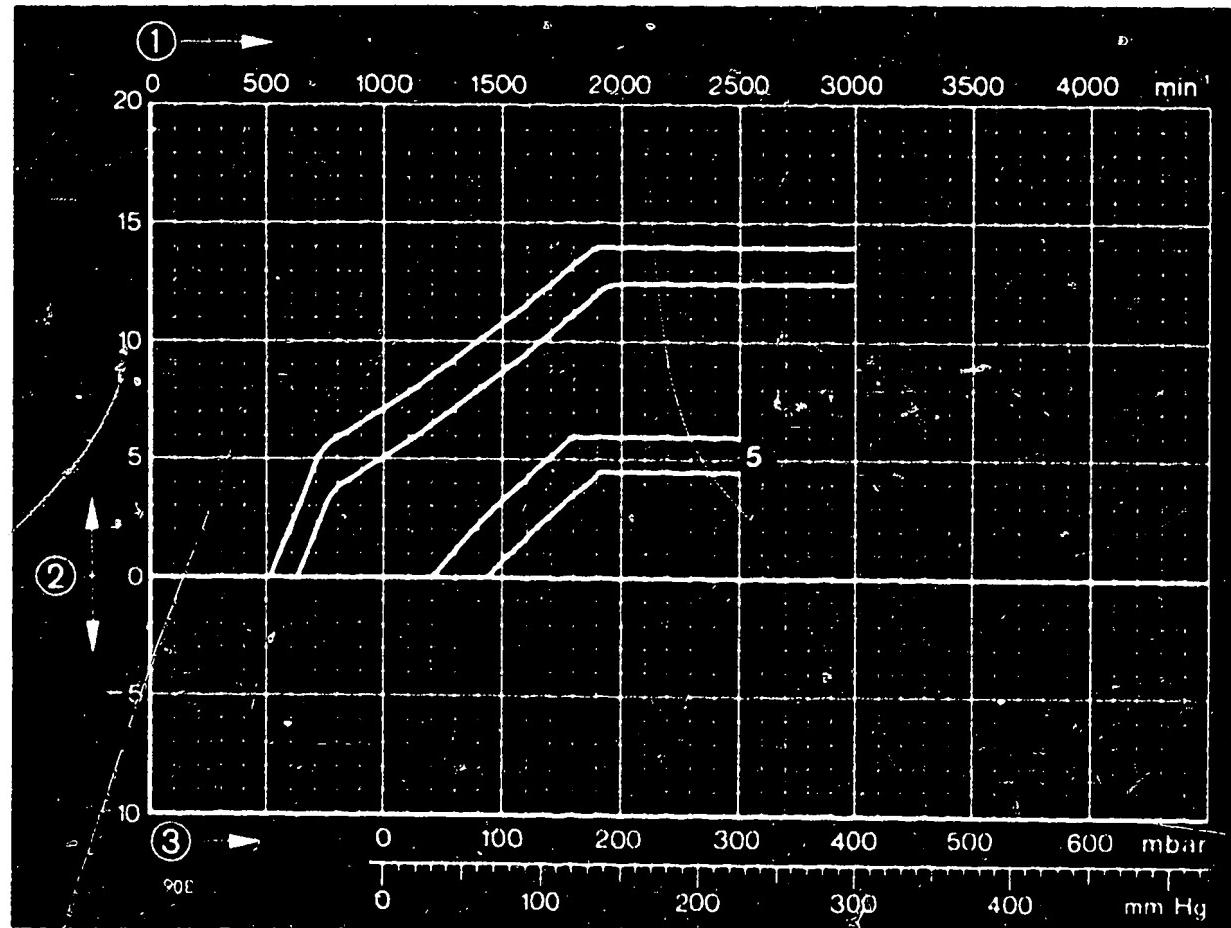
Clamping flange:	1 685 700 133
Driver:	1 686 400 003

**A13**

Test specifications

Ignition distributors 0 231 ..





0 231 146 113

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment in ° distributor shaft
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

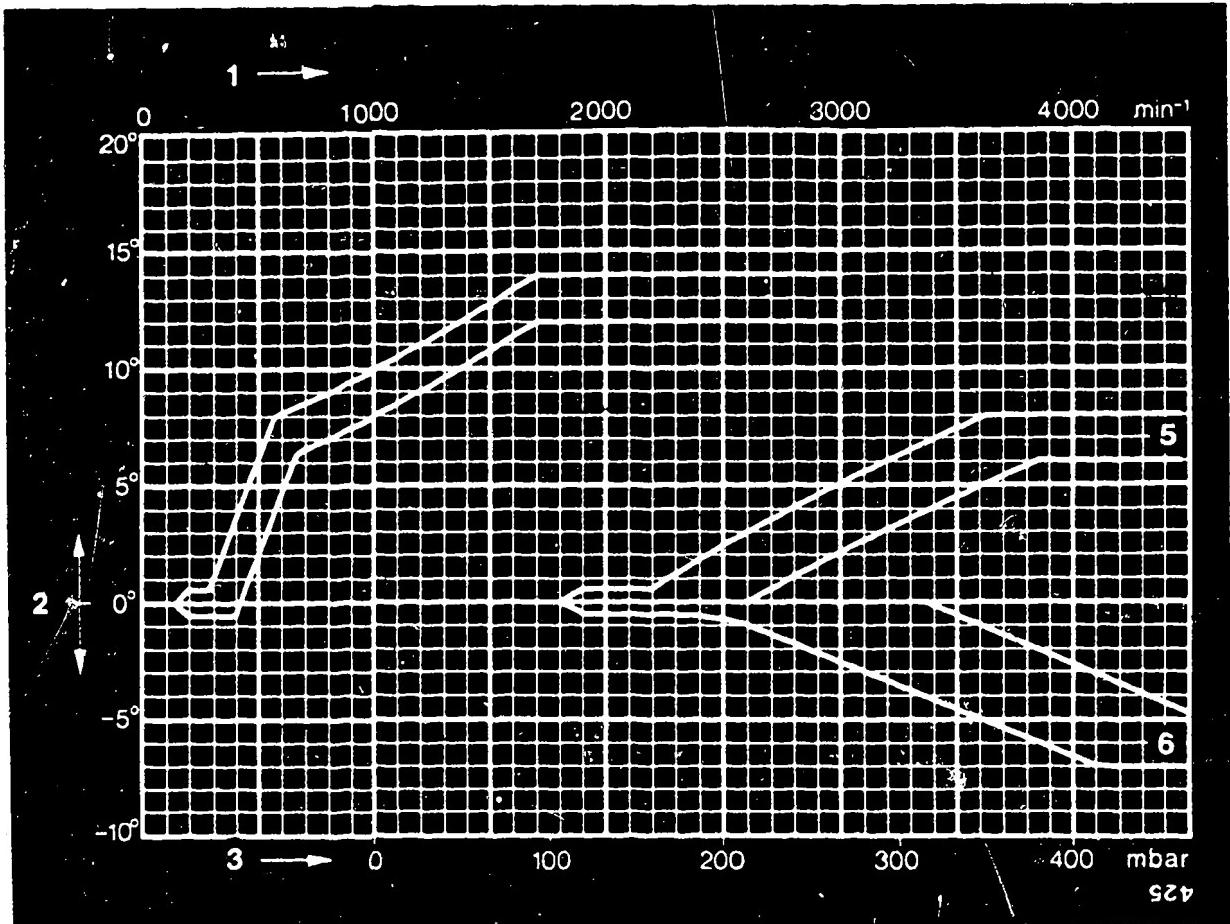
Min. contact gap:	0.45 mm
Dwell angle:	$47 \pm 3^\circ$
Contact pressure:	3.8...5.0 N
Margin for tolerance:	$\pm 0.5^\circ$ dist. shaft
FD:	228 →
Test instructions:	W-231/300

A14

Test specifications

Ignition distributors 0 231 ..





0 231 162 004

1 = Rotational speed, distributor shaft

2 = Distributor shaft adjustment

3 = Negative gauge pressure (vacuum)

5 = Negative gauge pressure (vacuum) advance

6 = Negative gauge pressure (vacuum) retard

Min. contact gap: 0.30 mm

Dwell angle:  $38 \pm 3^\circ$

Contact pressure: 5.0...6.3 N

Margin for tolerance:  $\pm 0.5^\circ$  dist. shaft

Cut-out speed of limiter: 3200 to 3400 min⁻¹

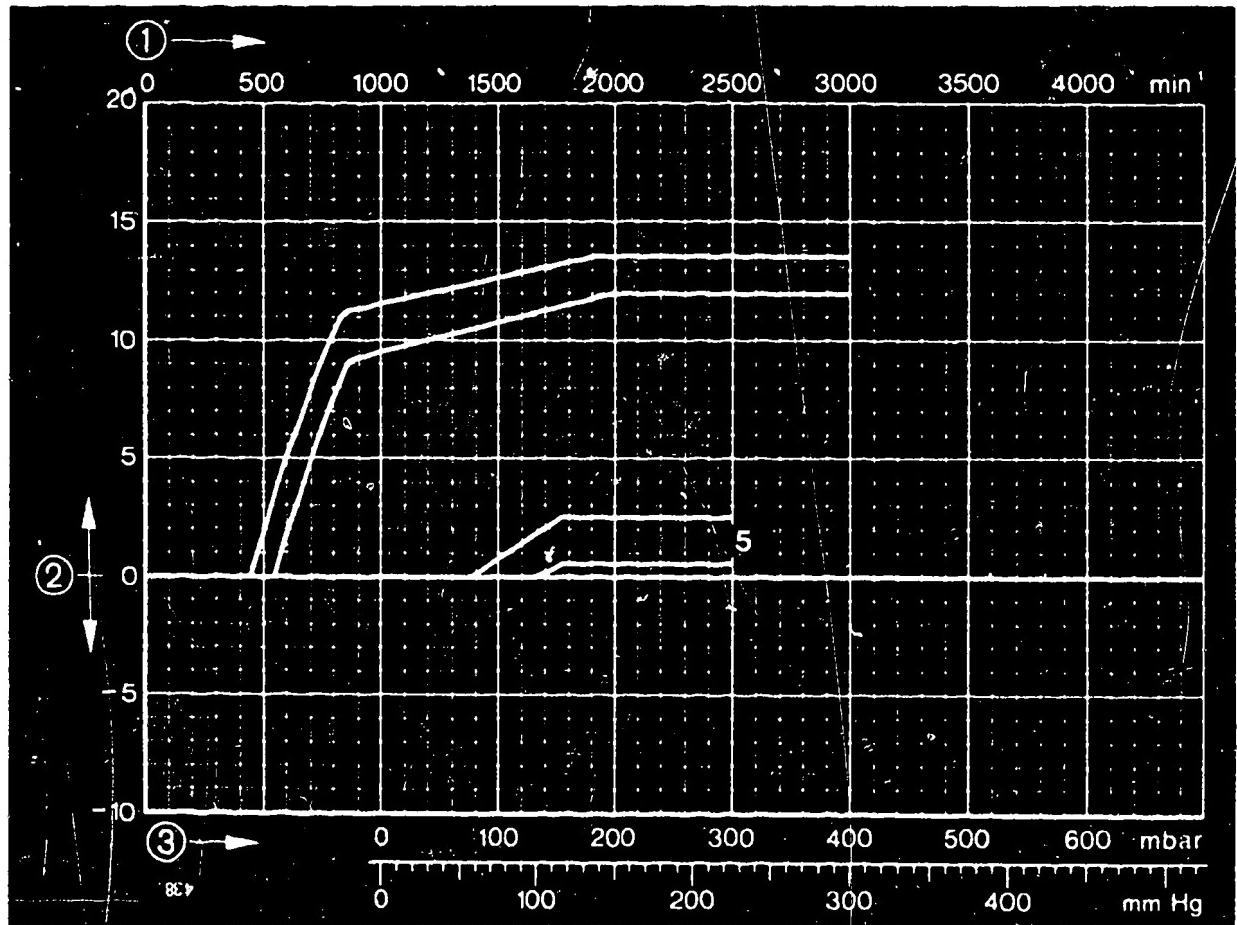
Test instructions: W-231/300

**A15**

Test specifications

Ignition distributors 0 231 ..





0 231 163 016

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment in ° distributor shaft
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

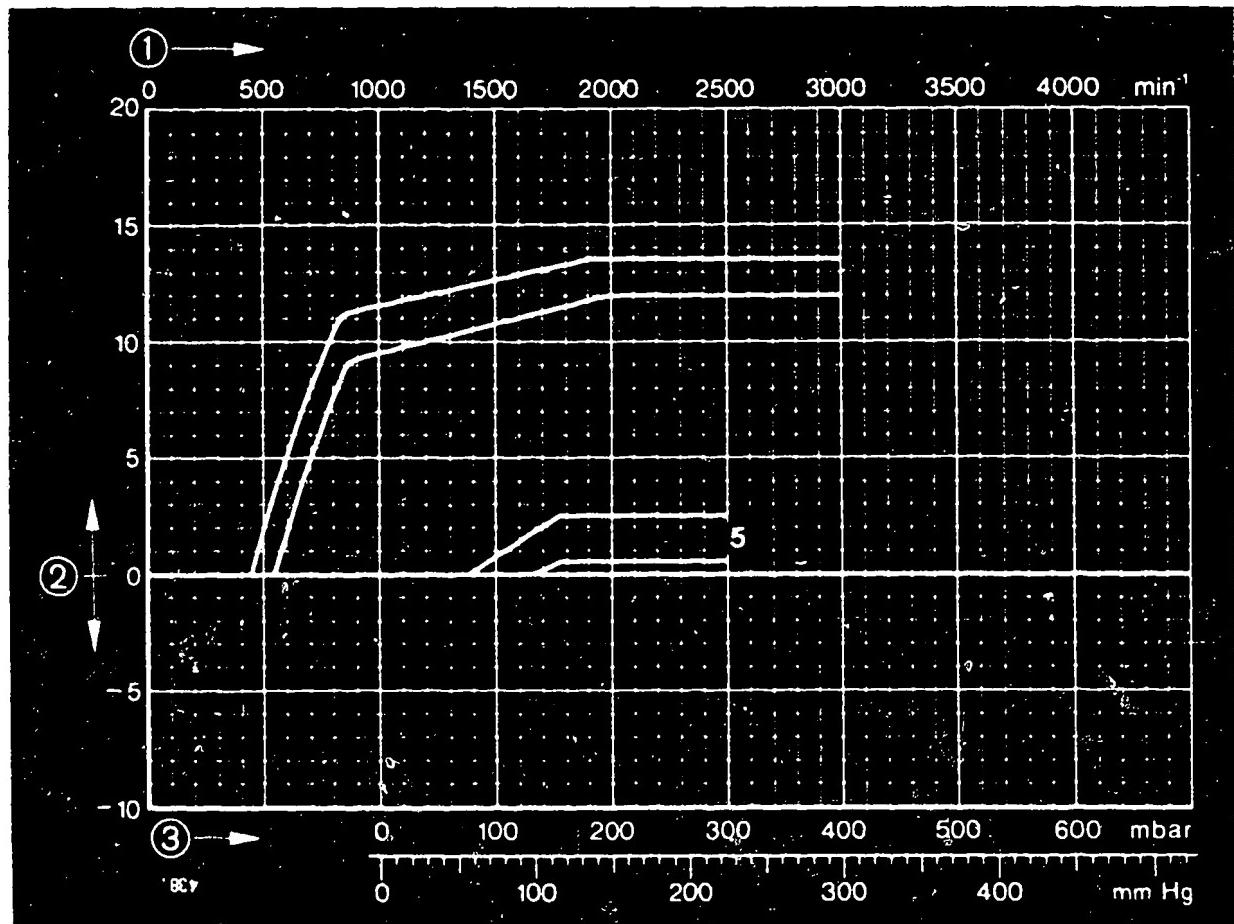
Min. contact gap:	0.40 mm
Dwell angle:	47 $\pm$ 3°
Contact pressure:	5.0...6.3 N
Margin for tolerance:	$\pm$ 0.5° dist. shaft
FD:	325 →
Test instructions:	W-231/300

A16

Test specifications

Ignition distributors 0 231 ..





0 231 163 017

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment in ° distributor shaft
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

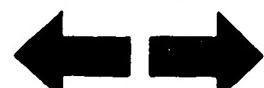
Min. contact gap:	0.40 mm
Dwell angle:	$47 \pm 3^\circ$
Contact pressure:	5.0...6.3 N
Margin for tolerance:	$\pm 0.5^\circ$ dist. shaft

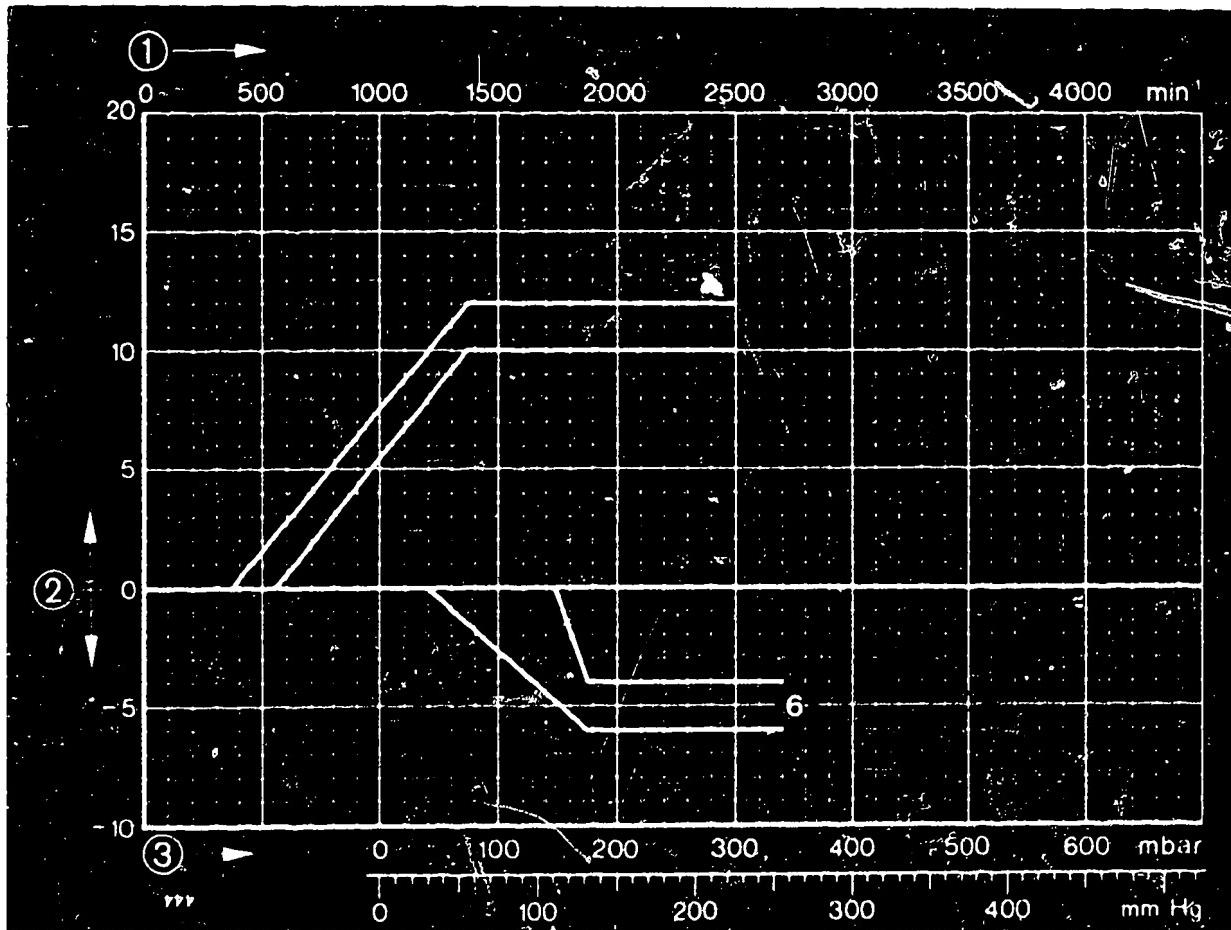
Test instructions: W-231/300

A17

Test specifications

Ignition distributors 0 231 ..





0 231 163 021

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment in ° distributor shaft
- 3 = Negative gauge pressure (vacuum)
- 6 = Negative gauge pressure (vacuum) retard

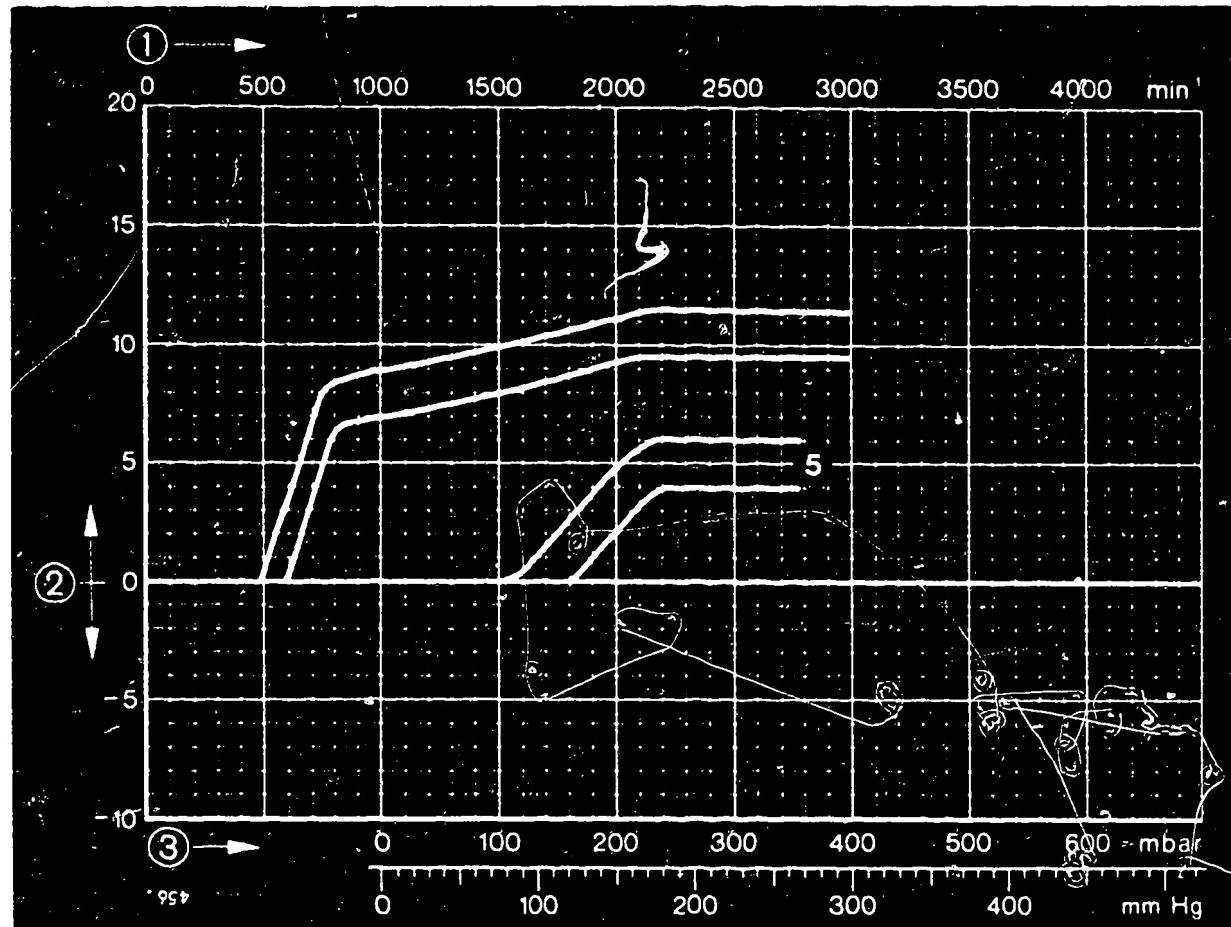
Min. contact gap:	0.40 mm
Dwell angle:	62 $\pm$ 3°
Contact pressure:	5.0...6.3 N
Margin for tolerance:	$\pm$ 0.5° dist. shaft
FD:	129 $\rightarrow$
Test instructions:	W-231/300

A18

Test specifications

Ignition distributors 0 231 ..





0 231 163 029

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment in ° distributor shaft
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

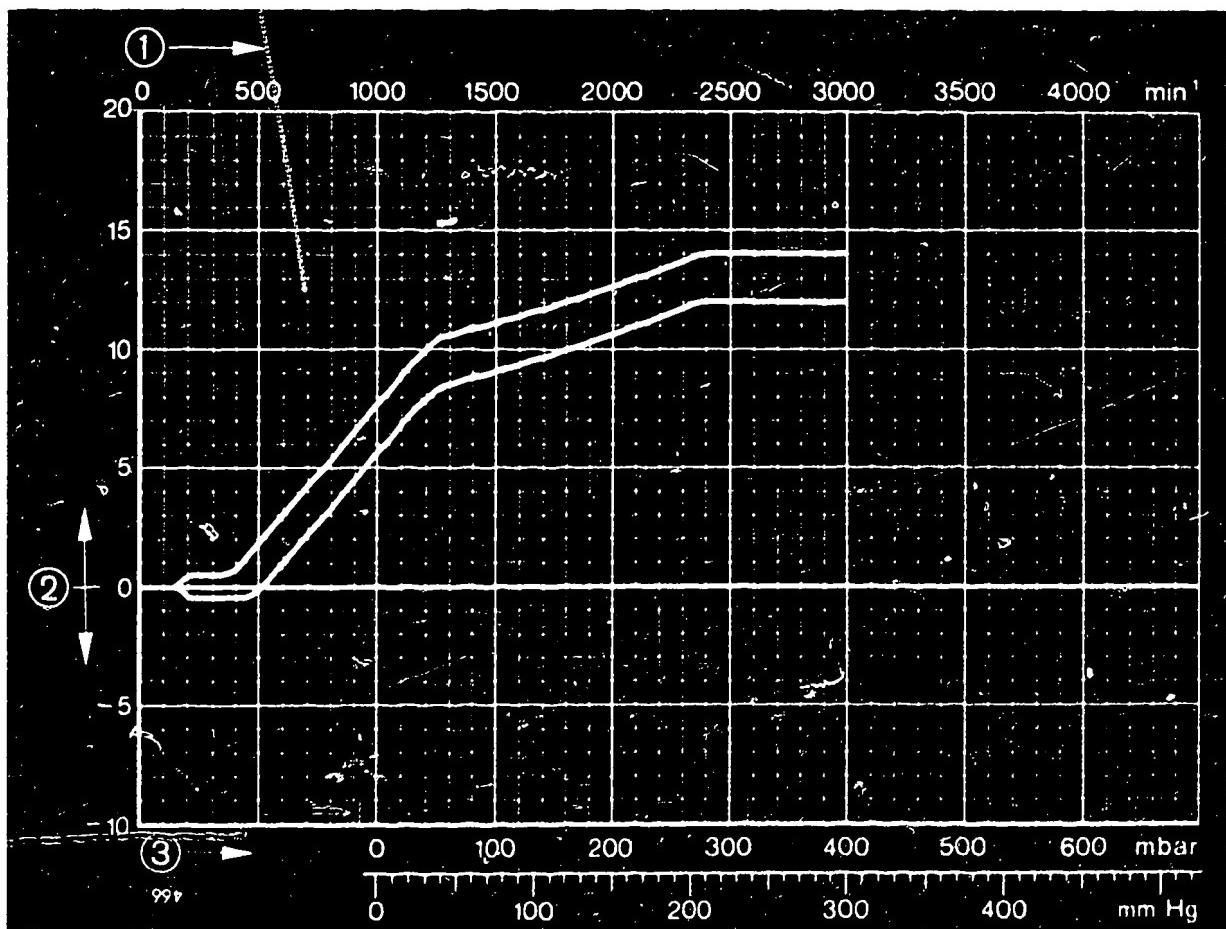
Min. contact gap:	0.45 mm
Dwell angle:	47 $\pm$ 3°
Contact pressure:	5.0...6.3 N
Margin for tolerance:	$\pm$ 0.5° dist. shaft
FD:	632 →
Test instructions:	W-231/300

A19

Test specifications

Ignition distributors 0 231 ..





0 231 164 001

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment in ° distributor shaft
- 3 = Negative gauge pressure (vacuum)

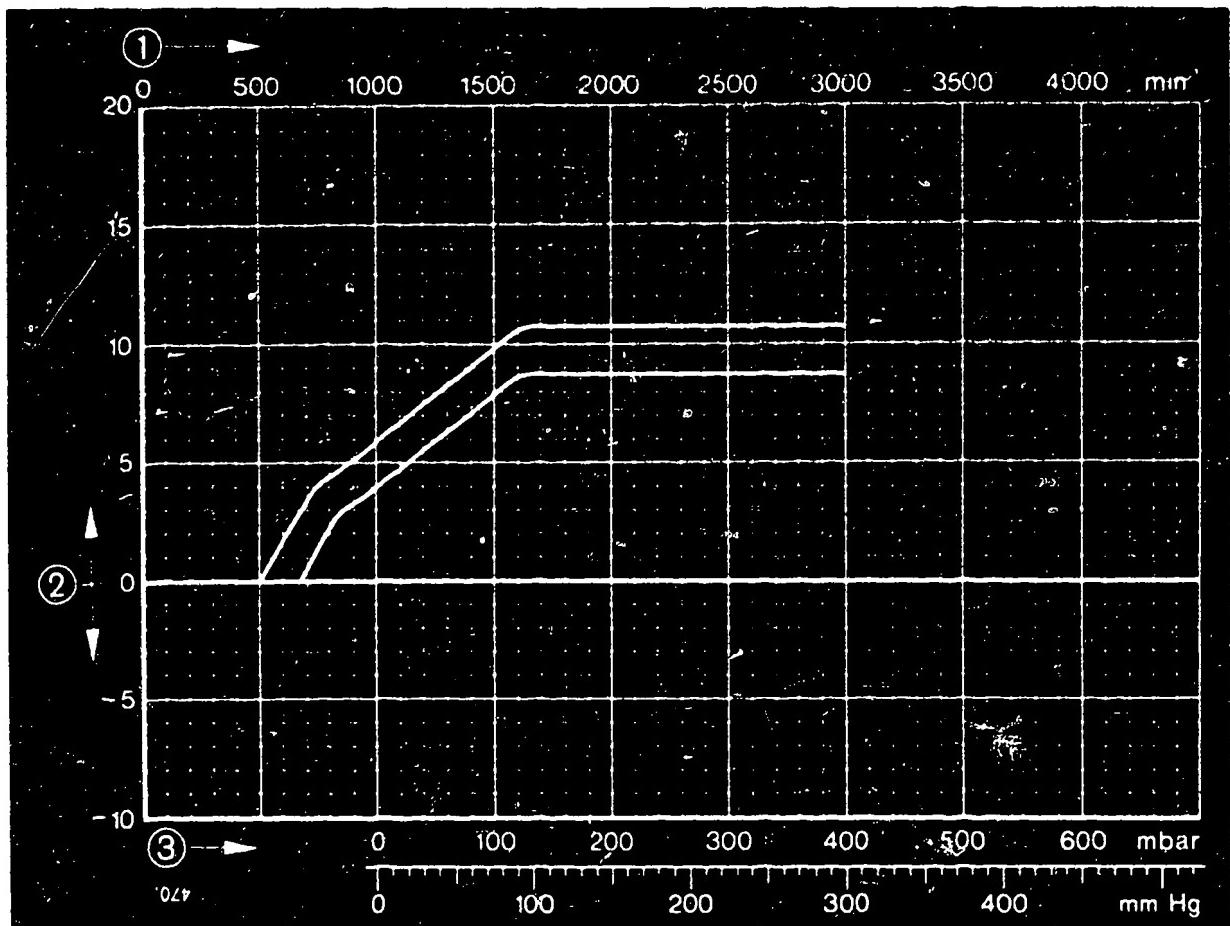
Min. contact gap:	0.35 mm
Dwell angle:	62 $\pm$ 3°
Contact pressure:	5.0...6.3 N
Margin for tolerance:	$\pm$ 0.5° dist. shaft
Cut-out speed of limiter:	2570 to 2730 min⁻¹
FD:	908 →
Test instructions:	W-231/300

A20

Test specifications

Ignition distributors 0 231 ..





0 231 164 004/005

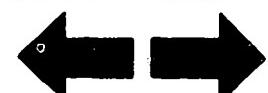
- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment in ° distributor shaft
- 3 = Negative gauge pressure (vacuum)

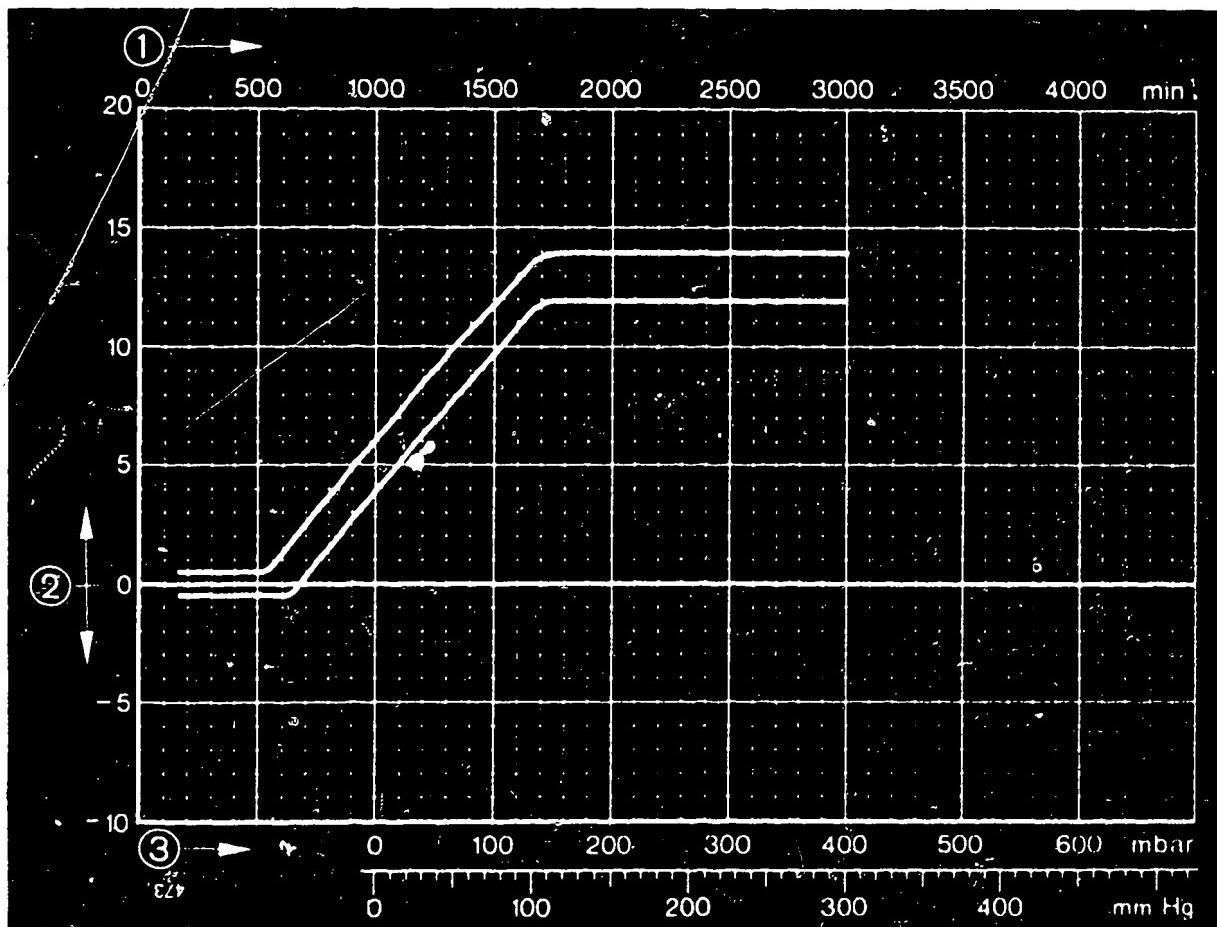
Min. contact gap:	0.45 mm
Dwell angle:	47 $\pm$ 3°
Contact pressure:	5.0...6.3 N
Margin for tolerance:	$\pm$ 0.5° dist. shaft
Cut-out speed of limiter:	2180 to 2320 min⁻¹
FD:	631 →
Test instructions:	W-231/300

A21

Test specifications

Ignition distributors 0 231 ..





0 231 164 006

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment in ° distributor shaft
- 3 = Negative gauge pressure (vacuum)

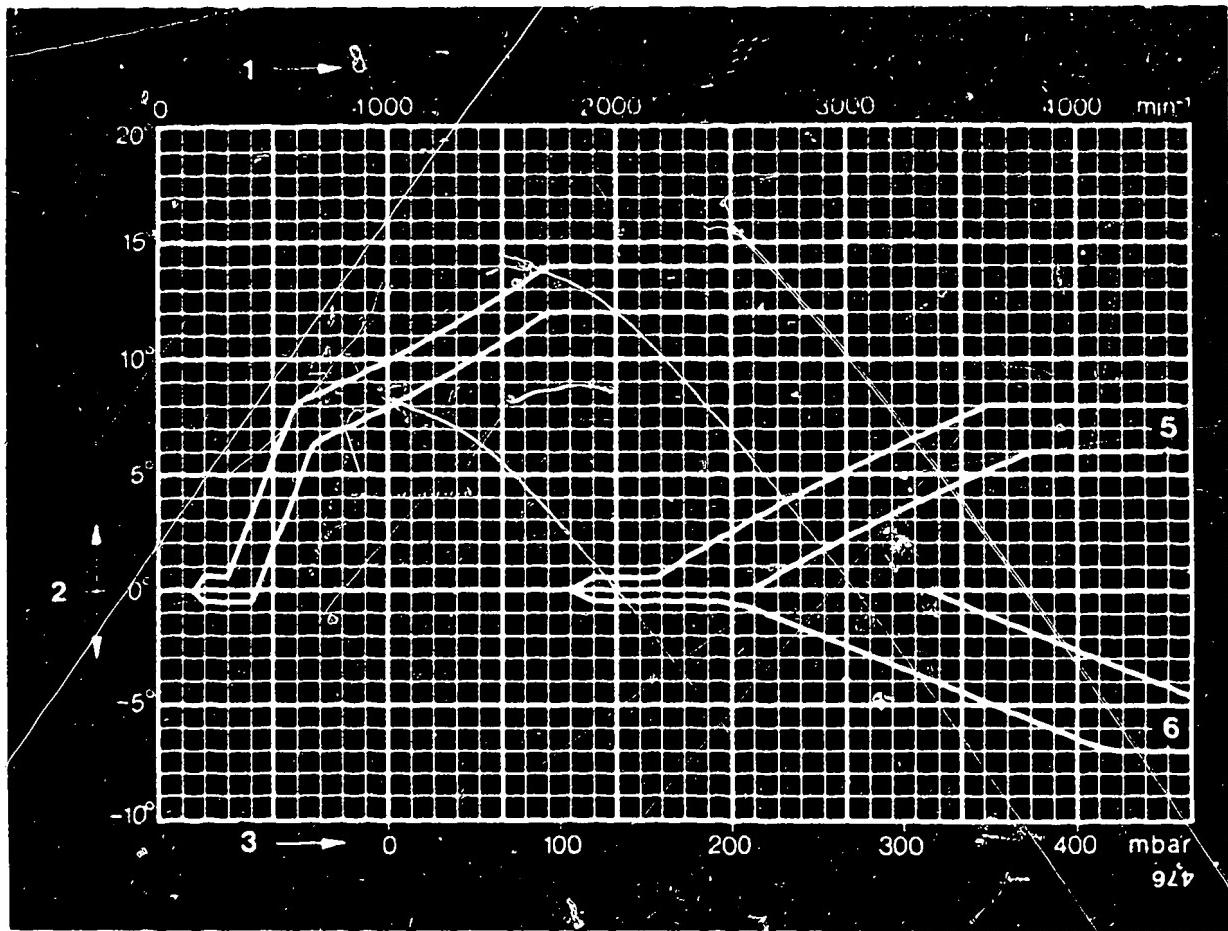
Min. contact gap:	0.35 mm
Dwell angle:	62 $\pm$ 3°
Contact pressure:	5.0...6.3 N
Margin for tolerance:	$\pm$ 0.5° dist. shaft
Cut-out speed of limiter:	2570 to 2730 min⁻¹
Test instructions:	W-231/300

A22

Test specifications

Ignition distributors 0 231 ..





0 231 165 005

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance
- 6 = Negative gauge pressure (vacuum) retard

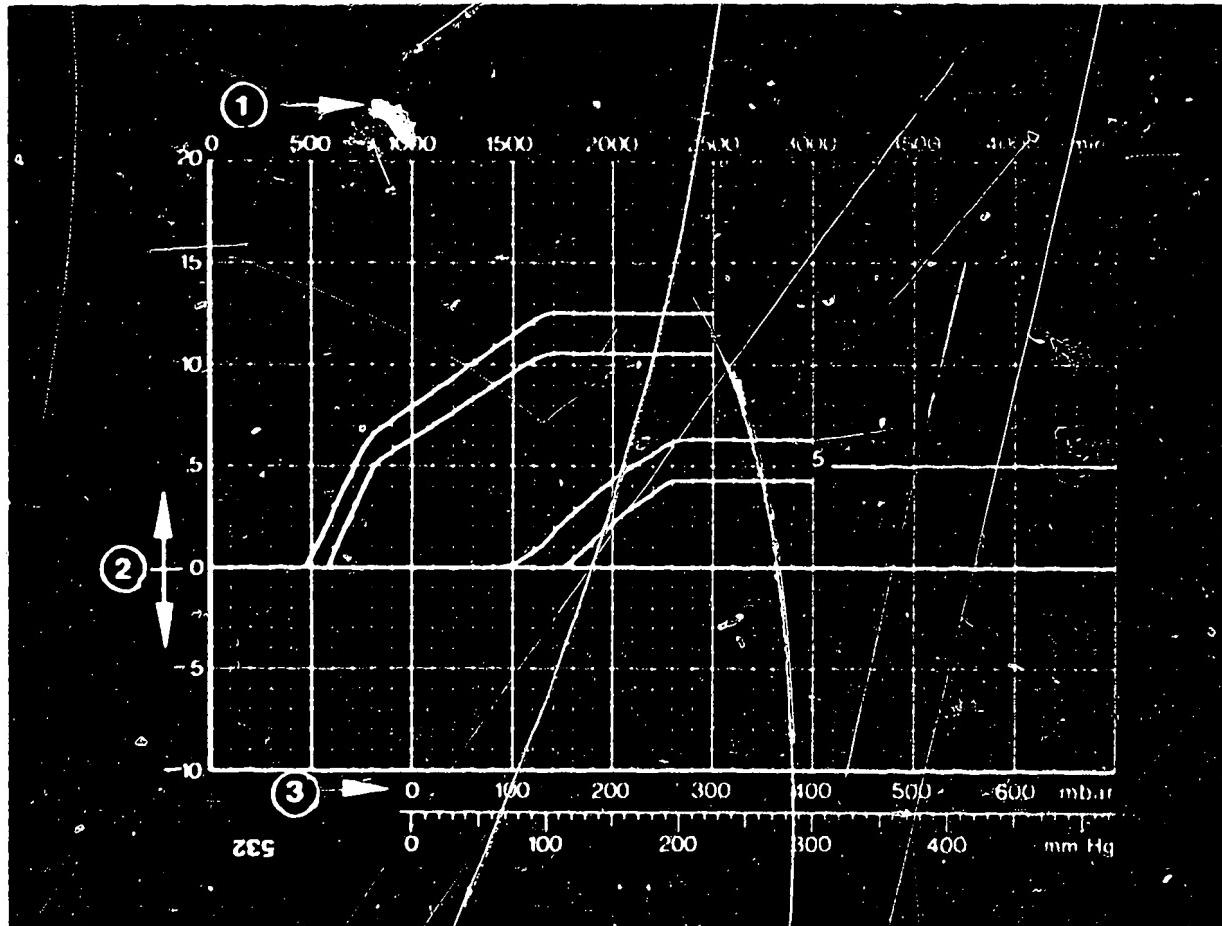
Min. contact gap:	0,30 mm
Dwell angle:	$38 \pm 3^\circ$
Contact pressure:	5.0...6.3 N
Margin for tolerance:	$\pm 0.5^\circ$ dist. shaft
Cut-out speed of limiter:	3080 to 3270 min <sup>-1</sup>
Test instructions:	W-231/300

A23

Test specifications

Ignition distributors 0 231 ..





0 231 168 005

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

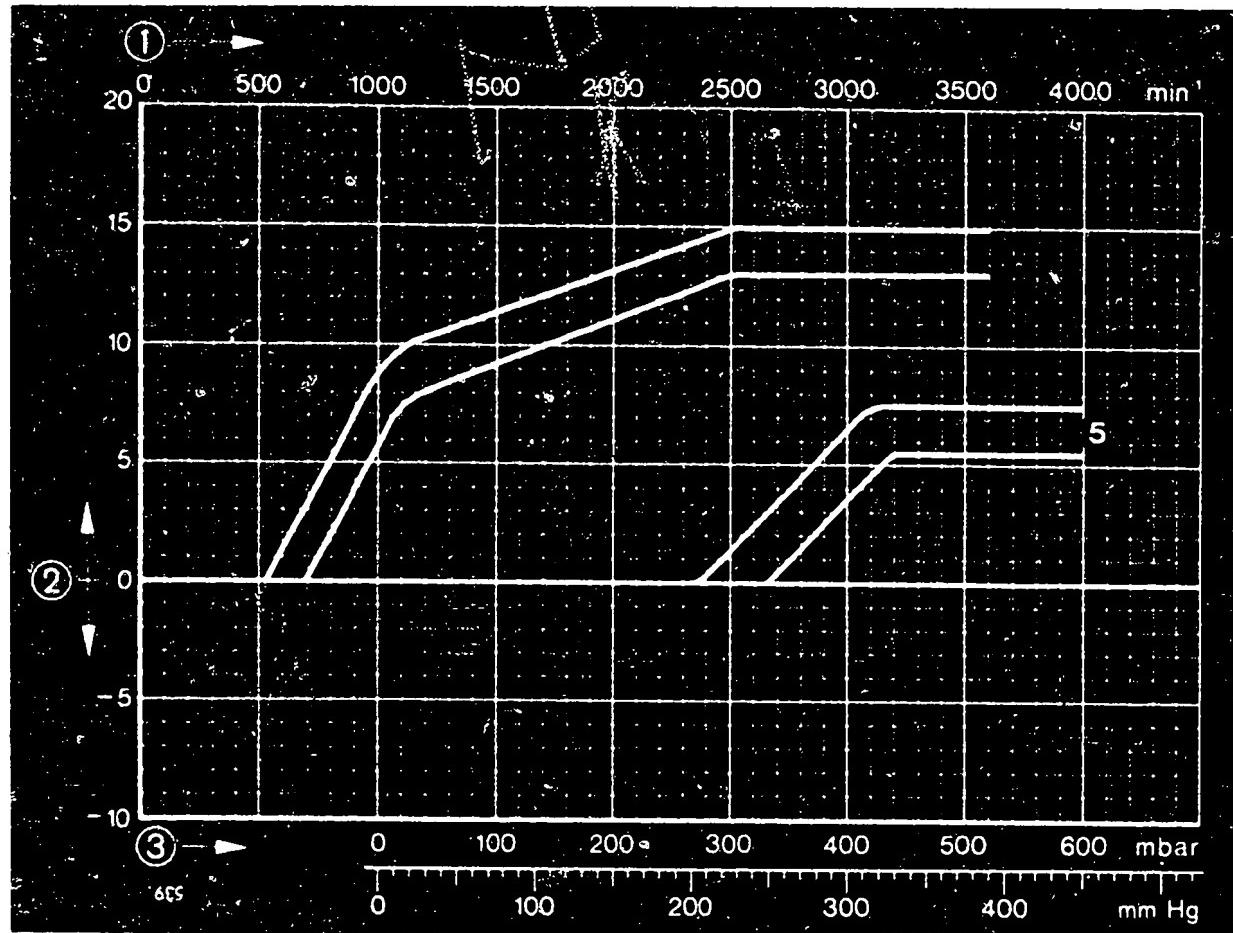
Min. contact gap:	0.45 mm
Dwell angle:	$47 \pm 3^\circ$
Contact pressure:	3.8...5.0 N
Margin for tolerance:	$\pm 0.5^\circ$ dist. shaft
Cut-out speed of limiter:	2610 to 2790 $\text{min}^{-1}$
FD:	431 →
Test instructions:	W-231/300

A24

Test specifications

Ignition distributors 0 231 ..





0 231 168 011

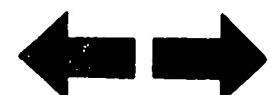
- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment in ° distributor shaft
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

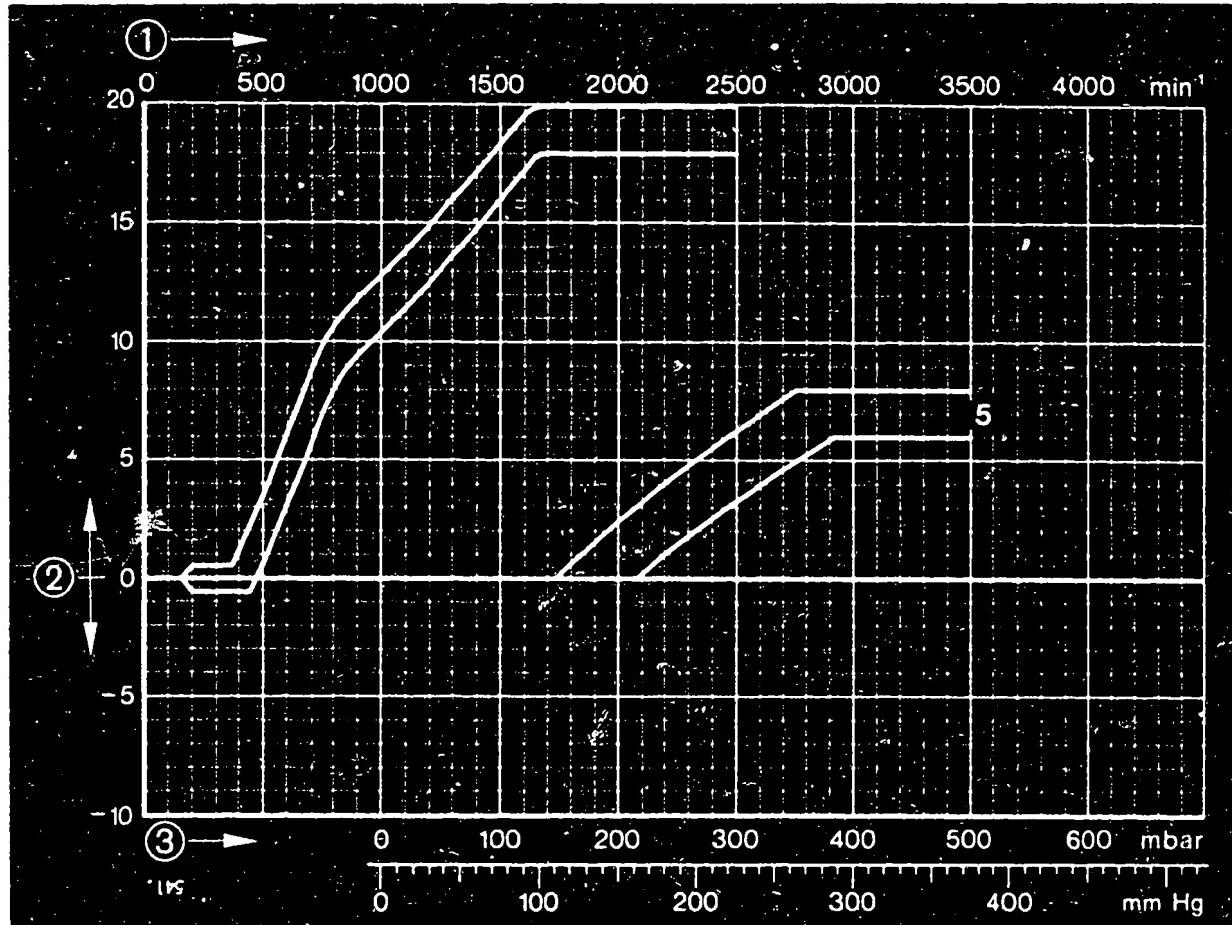
Min. contact gap:	0.45 mm
Dwell angle:	$47 \pm 3^\circ$
Contact pressure:	3.8...5.0 N
Margin for tolerance:	$\pm 0.5^\circ$ dist. shaft
Cut-out speed of limiter:	3200 to 3400 $\text{min}^{-1}$
FD:	522 →
Test instructions:	W-231/300

**B1**

Test specifications

Ignition distributors 0 231 ..





0 231 163 013

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment in ° distributor shaft
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

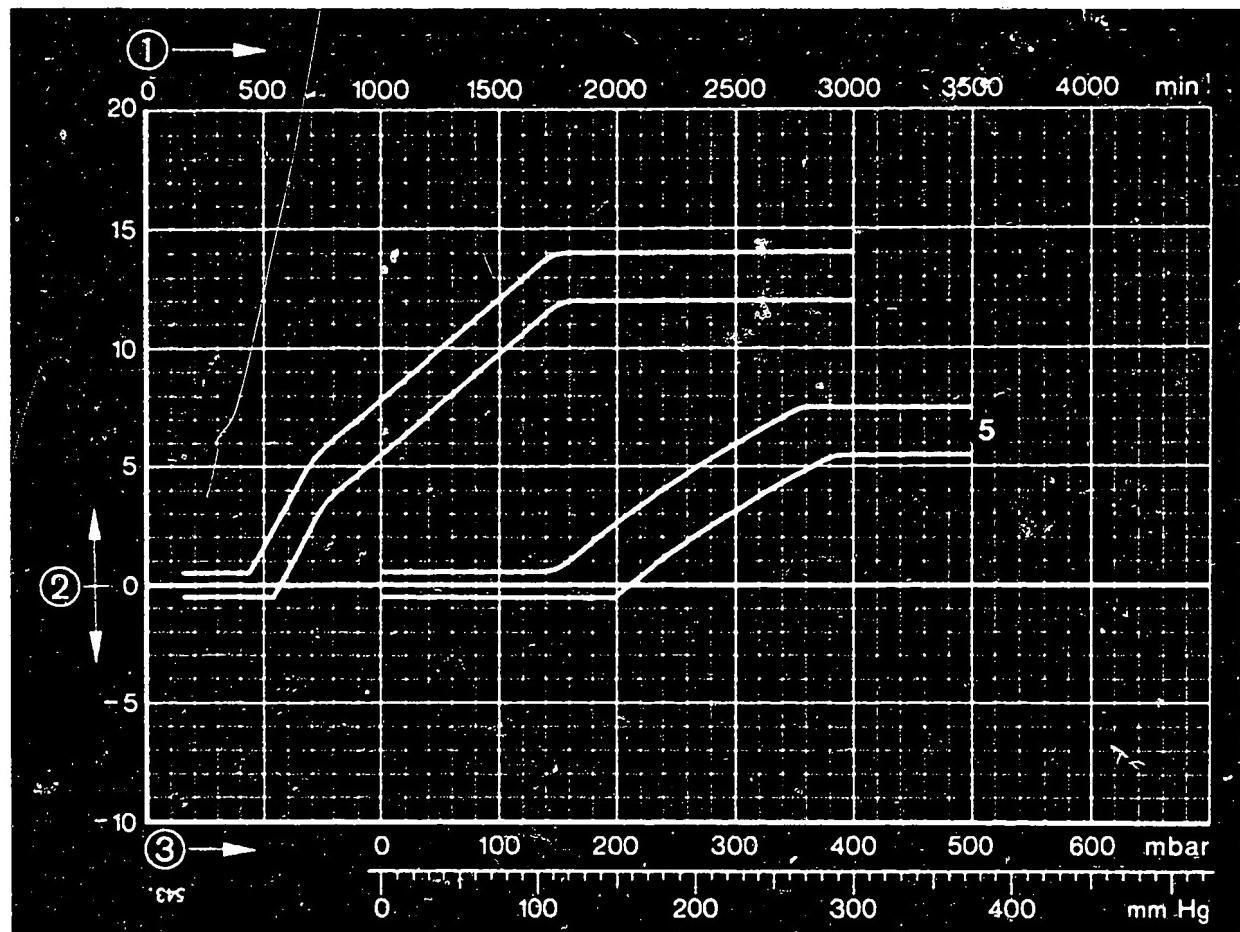
Min. contact gap:	0,40 mm
Dwell angle:	$62 \pm 3^\circ$
Contact pressure:	5.0...6.3 N
Margin for tolerance:	$\pm 0.5^\circ$ dist. shaft
Cut-out speed of limiter:	3200 hasta 3400 $\text{min}^{-1}$
Test instructions:	W-231/300

**B2**

Test specifications

Ignition distributors 0 231 ...





0 231 168 014

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment in ° distributor shaft
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

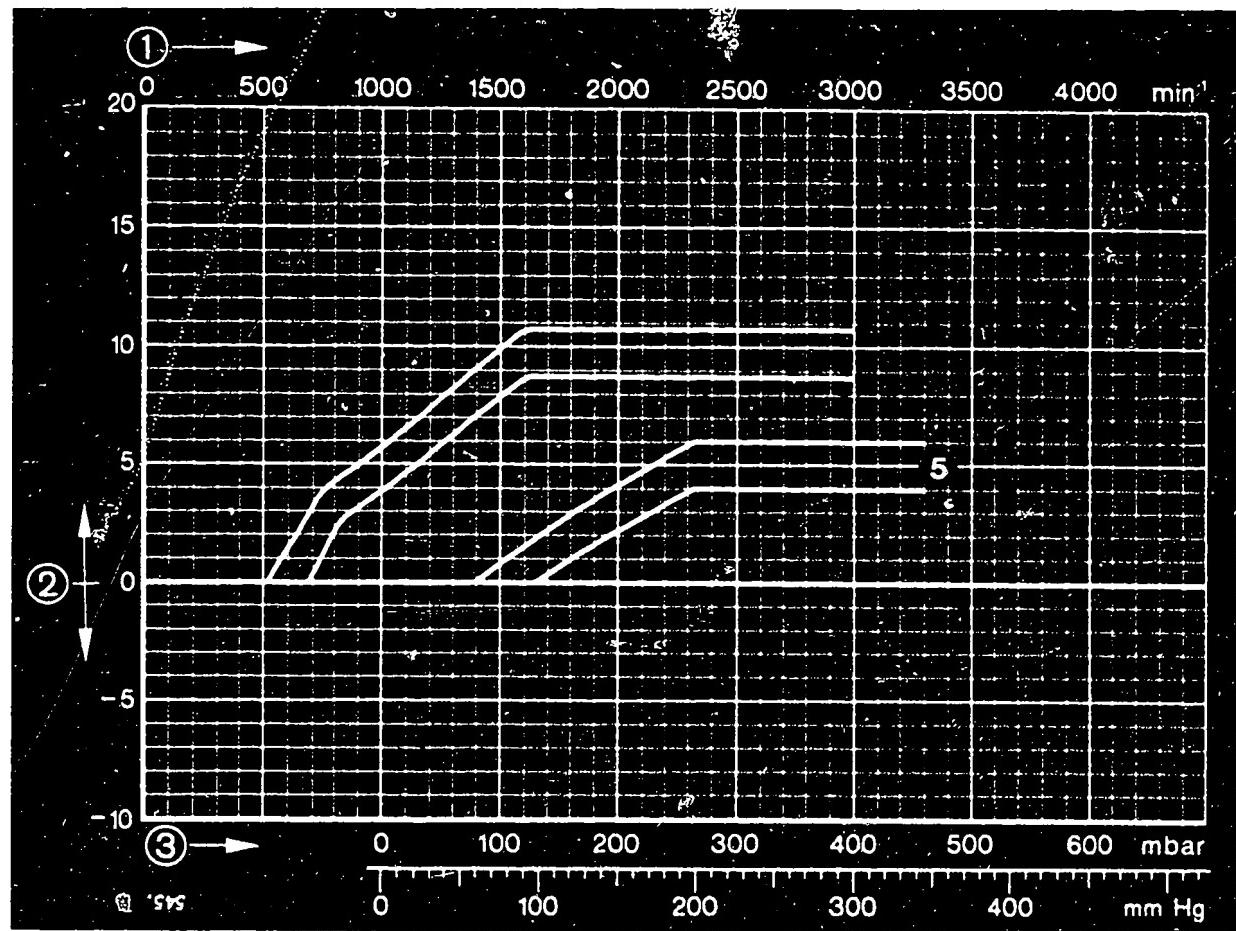
Min. contact gap:	0.35 mm
Dwell angle:	62 $\pm$ 3°
Contact pressure:	5.0...6.3 N
Margin for tolerance:	$\pm$ 0.5° dist. shaft
Cut-out speed of limiter:	3400 to 3600 min⁻¹
FD:	725 →
Test instructions:	W-231/300

**B3**

Test specifications

Ignition distributors 0 231 ..





0 231 168 015/016

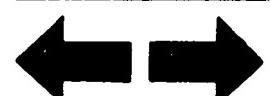
- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment in ° distributor shaft
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

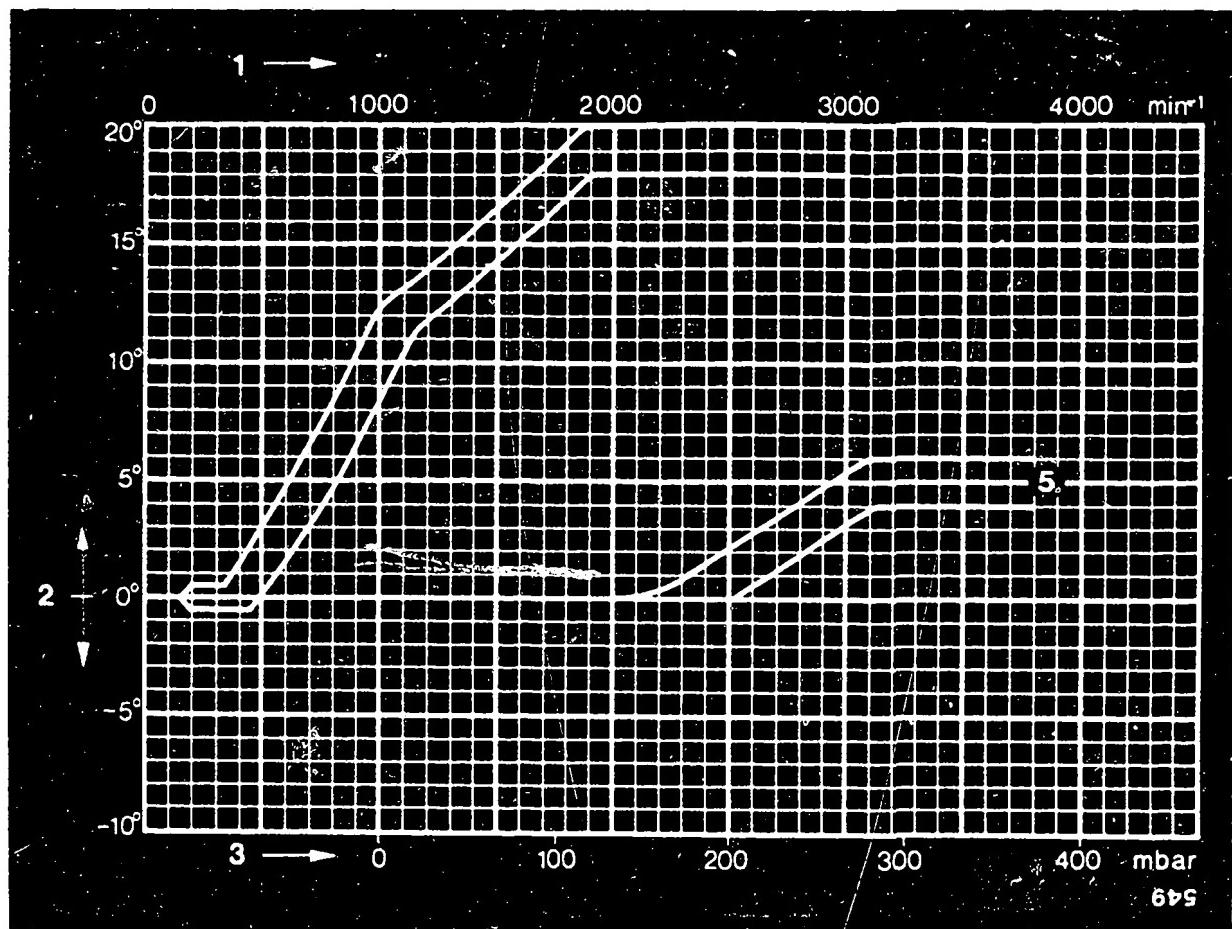
Min. contact gap:	0.45 mm
Dwell angle:	$47 \pm 3^\circ$
Contact pressure:	3.8...5.0 N
Margin for tolerance:	$\pm 0.5^\circ$ dist. shaft
Cut-out speed of limiter:	2180 to 2320 $\text{min}^{-1}$
FD:	626 →
Test instructions:	W-231/300

**B4**

Test specifications

Ignition distributors 0 231 ..





0 231 168 021

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

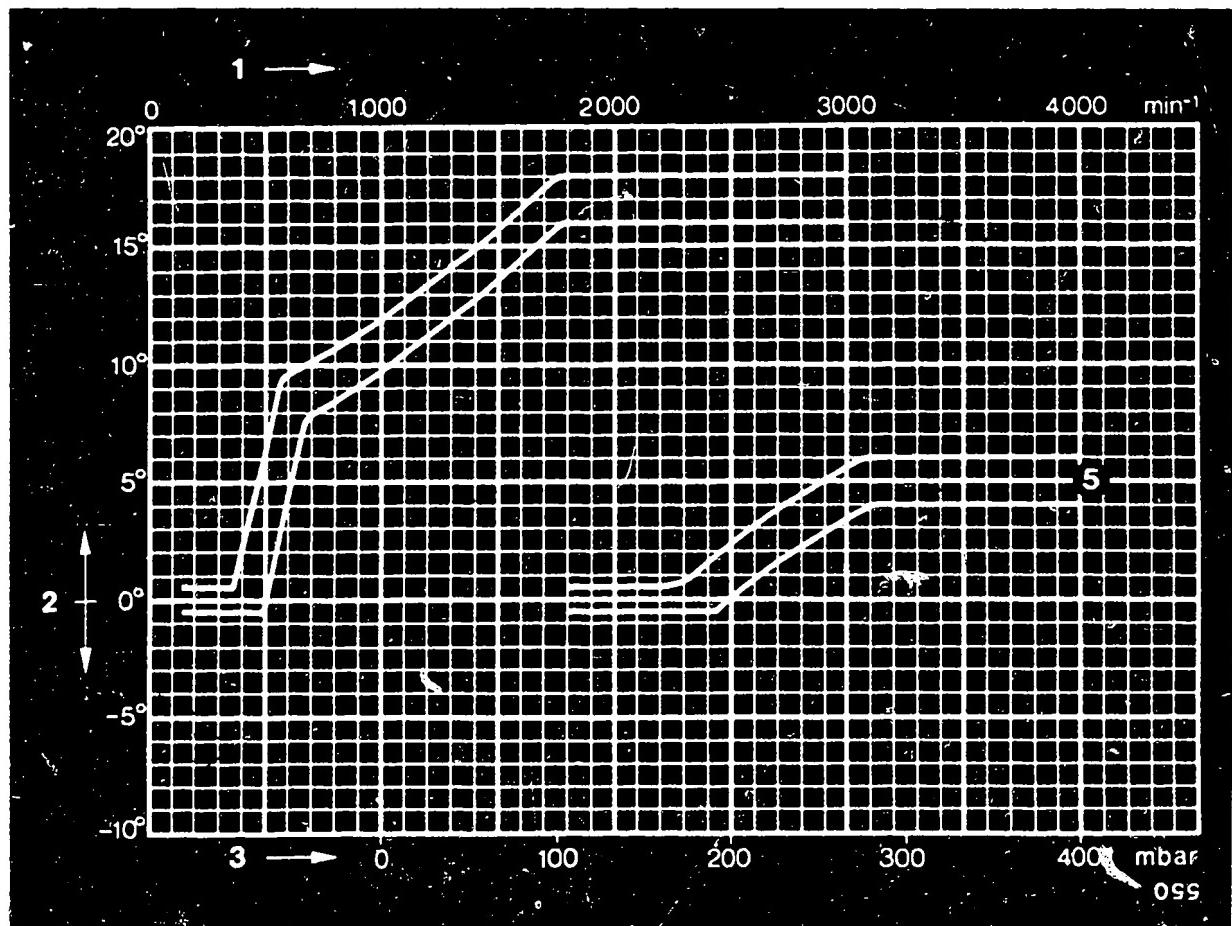
Min. contact gap:	0,35 mm
Dwell angle:	62 $\pm$ 3°
Contact pressure:	5,0...6,3 N
Margin for tolerance:	$\pm$ 0,5° dist. shaft
Cut-out speed of limiter:	3200 to 3400 min <sup>-1</sup>
Test instructions:	W-231/300

**B5**

Test specifications

Ignition distributors 0 231 ..





0 231 168 022

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

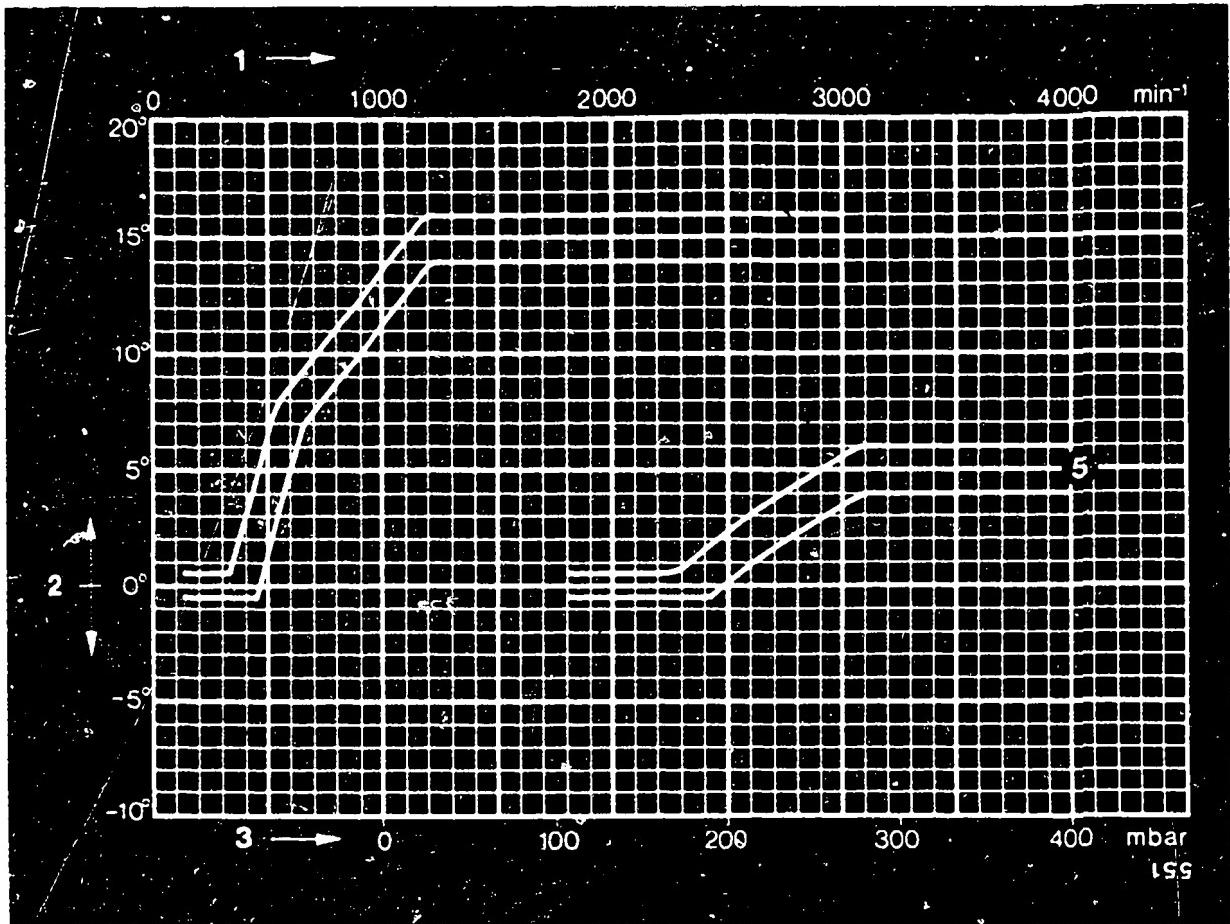
Min. contact gap:	0,35 mm
Dwell angle:	$62 \pm 3^\circ$
Contact pressure:	5,0...6,3 N
Margin for tolerance:	$\pm 0,5^\circ$ dist. shaft
Cut-out speed of limiter:	3200 to 3400 $\text{min}^{-1}$
Test instructions:	W-231/300

**B6**

Test specifications

Ignition distributors 0 231 ..





0 231 168 023

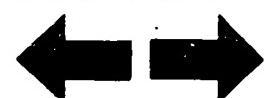
- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

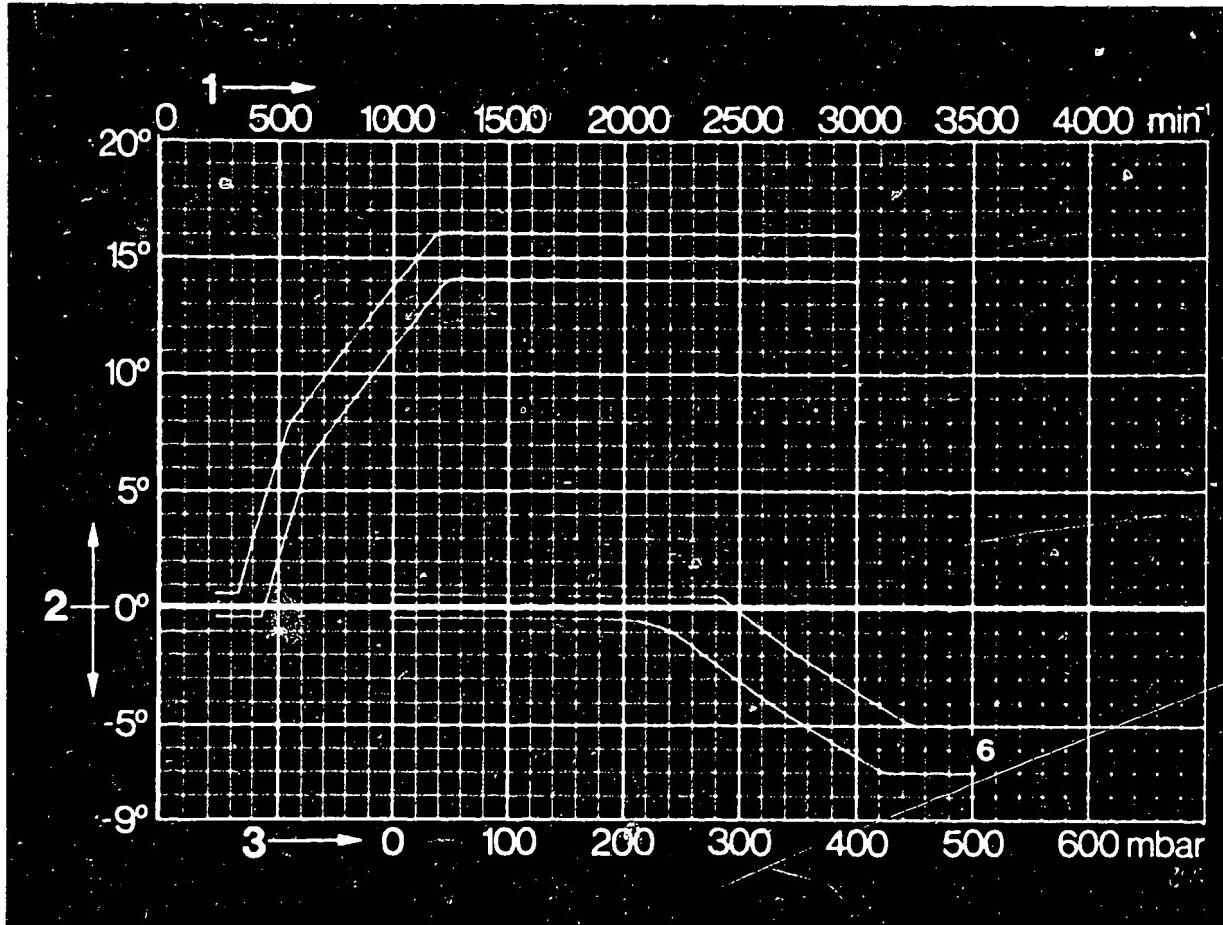
Min. contact gap:	0,35 mm
Dwell angle:	63 $\pm$ 3°
Contact pressure:	5,0...6,3 N
Margin for tolerance:	$\pm$ 0,5° dist. shaft
Cut-out speed of limiter:	3200 to 3400 min <sup>-1</sup>
Test instructions:	W-231/300

**B7**

Test specifications

Ignition distributors 0 231 ..





0 231 168 024

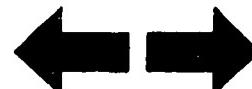
- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 6 = Negative gauge pressure (vacuum) retard

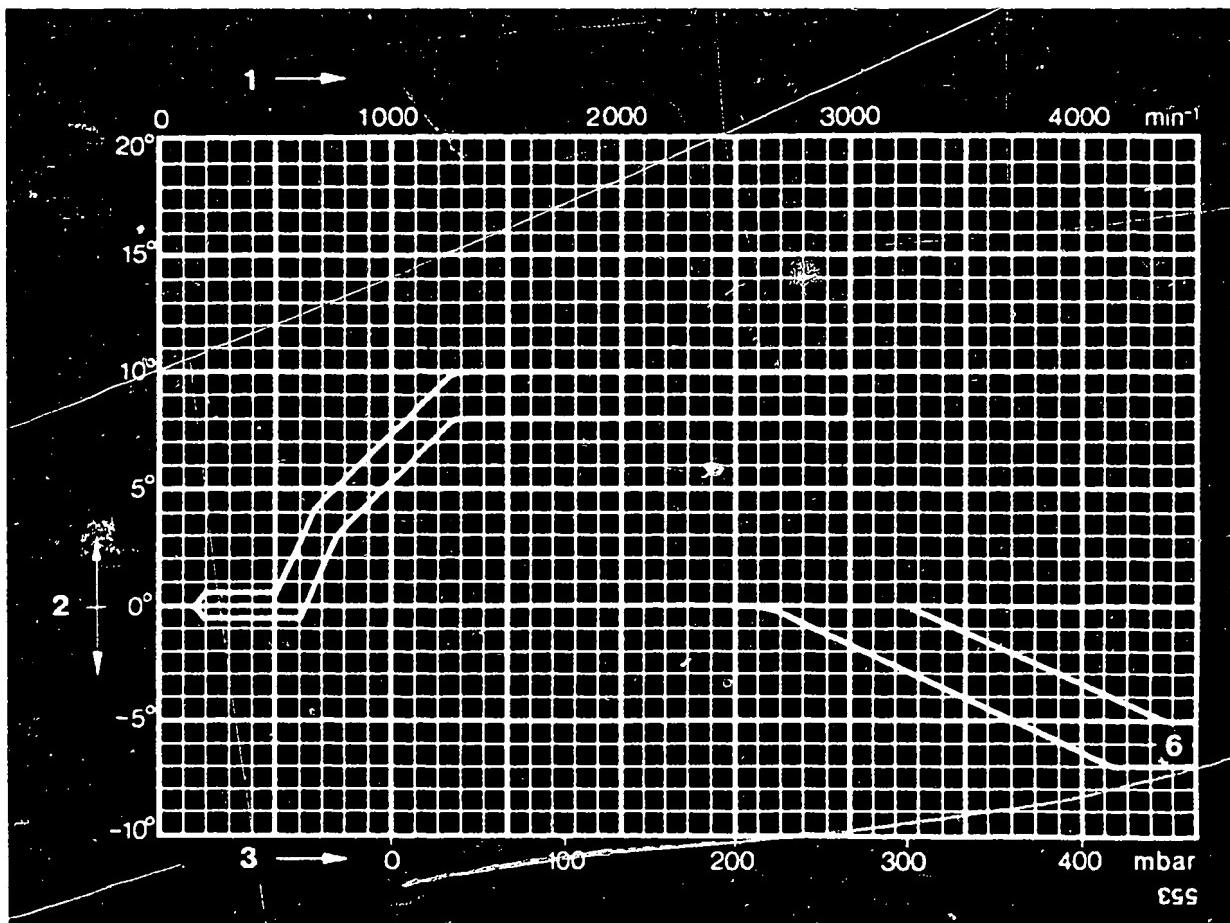
Min. contact gap: 0,35 mm  
 Dwell angle:  $62 \pm 3^\circ$   
 Contact pressure: 5,0...6,3 N  
 Margin for tolerance:  $\pm 0,5^\circ$  dist. shaft  
 Cut-out speed of limiter: 3230 to 3430 min<sup>-1</sup>  
 Test instructions: W-231/300

B8

Test specifications

Ignition distributors 0 231 ..





0 231 168 027

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 6 = Negative gauge pressure (vacuum) retard

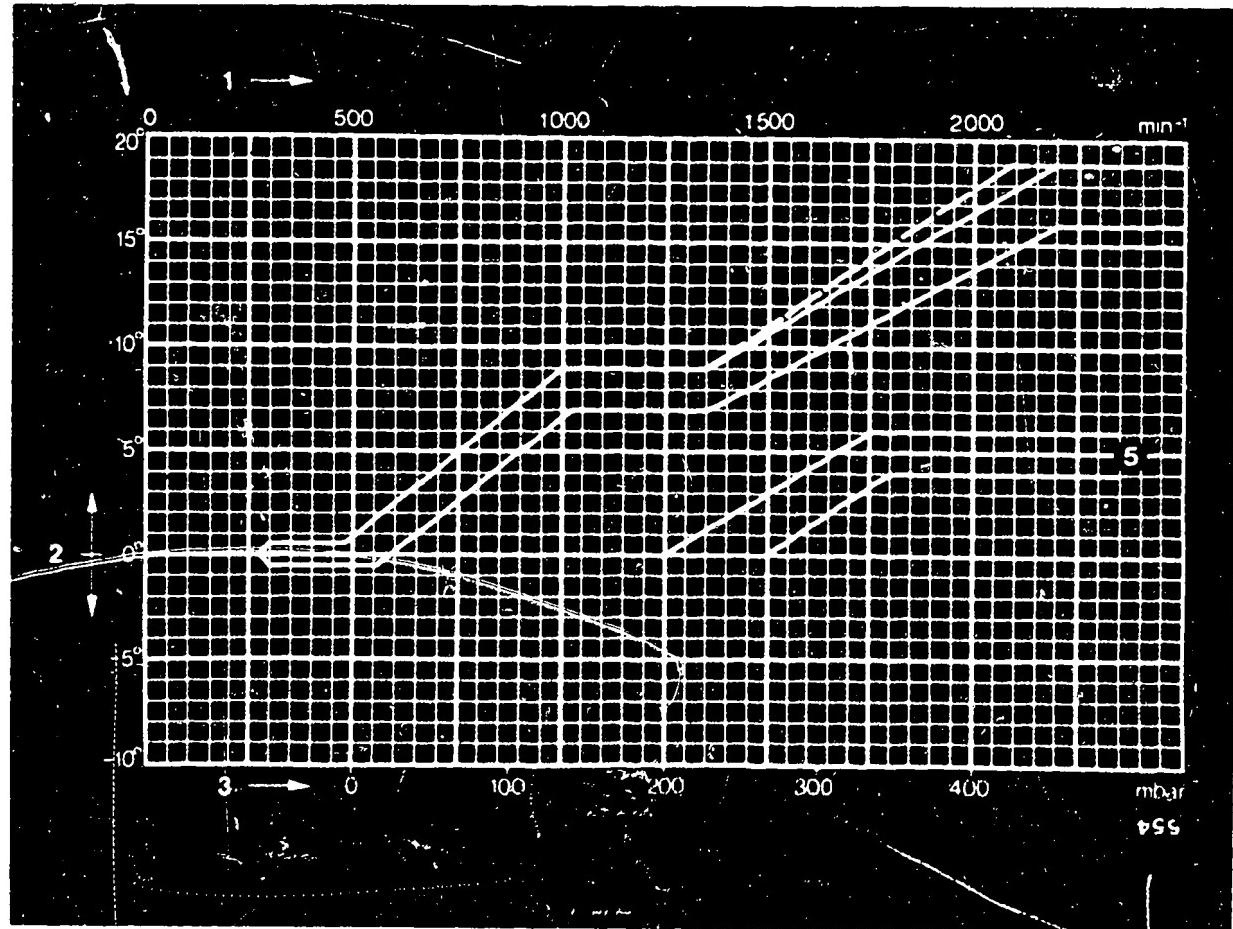
Min. contact gap:	0,35 mm
Dwell angle:	62 $\pm$ 3°
Contact pressure:	5,0...6,3 N
Margin for tolerance:	$\pm$ 0,5° dist. shaft
Cut-out of limiter speed:	3200 to 3400 min <sup>-1</sup>
Test instructions:	W-231/300

**B9**

Test specifications

Ignition distributors 0 231 ..





0 231 168 028

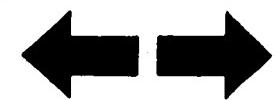
- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

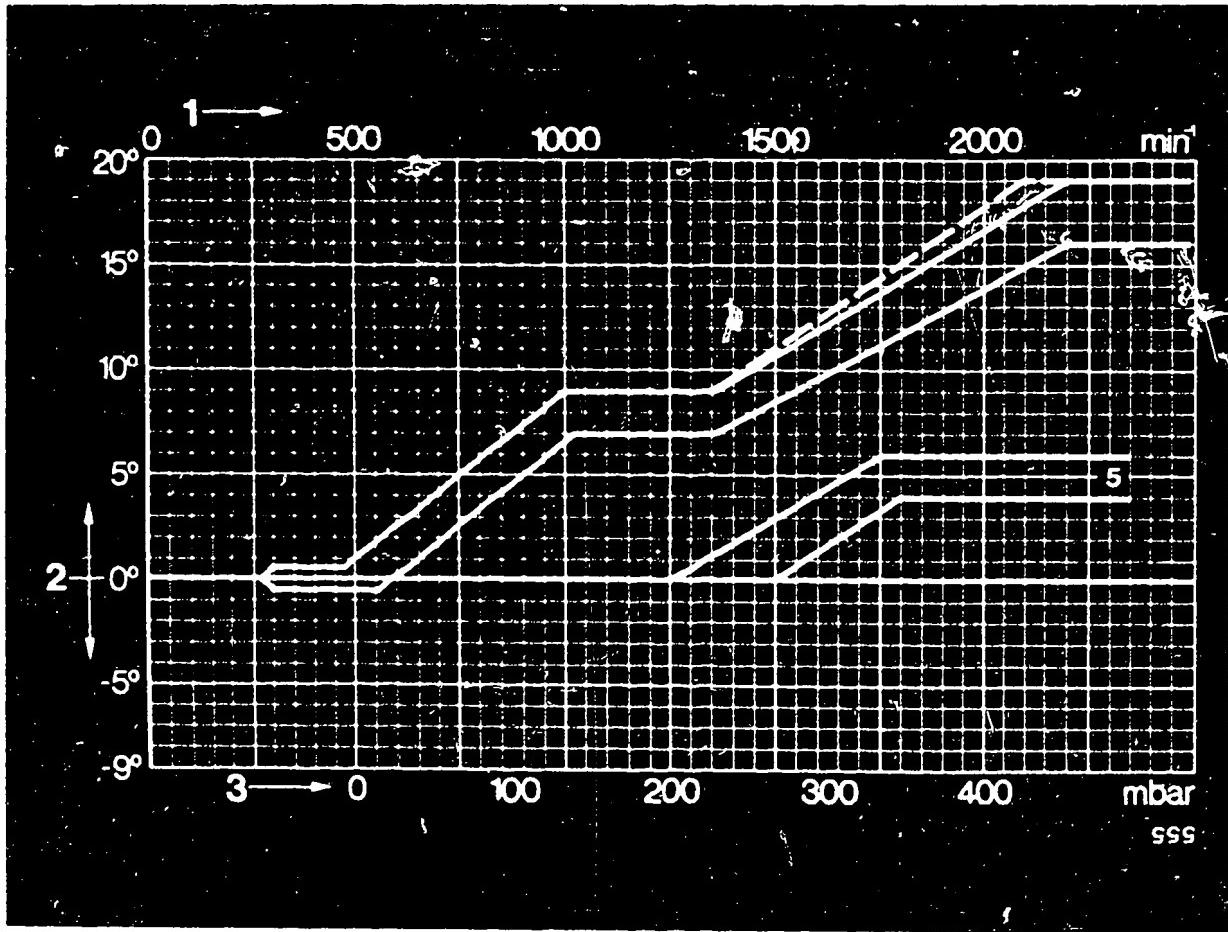
Min. contact gap: 0,40 mm  
 Dwell angle:  $50 \pm 3^\circ$   
 Contact pressure: . 5,0...6,3 N  
 Margin for tolerance:  $\pm 0,5^\circ$  dist. shaft  
 Cut-out speed of limiter: 2910 to 3090  $\text{min}^{-1}$   
 Test instructions: W-231/300

**B10**

Test specifications

Ignition distributors 0 231 ..





0 231 168 034/035

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

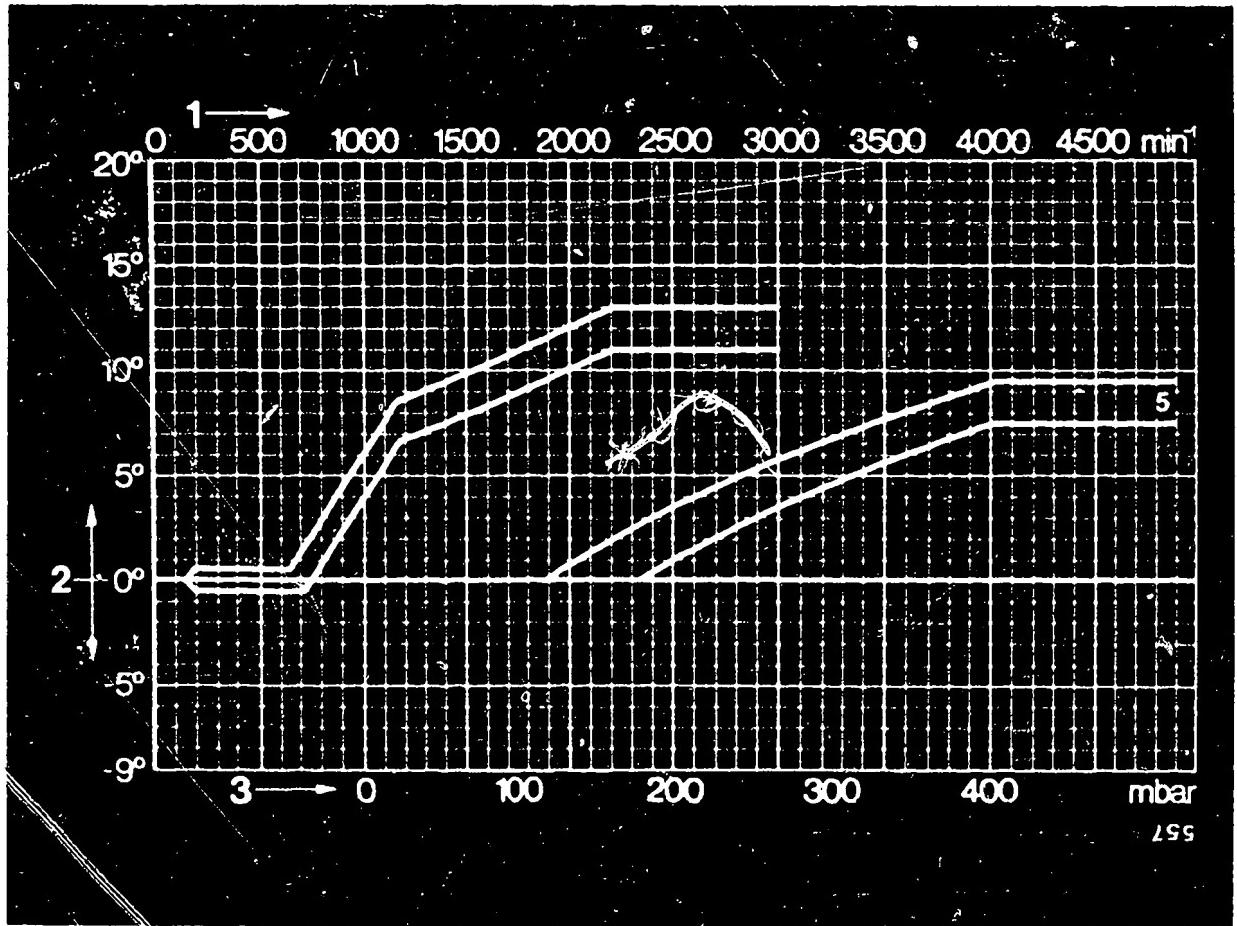
Min. contact gap:	0.40 mm
Dwell angle:	$50 \pm 3^\circ$
Contact pressure:	5.6...6.3 N
Margin for tolerance:	$\pm 0.5^\circ$ dist. shaft
Cut-out speed of limiter:	2910 to 3090 $\text{min}^{-1}$
Test instructions:	W-231/300

**B11**

Test specifications

Ignition distributors 0 231 ..





0 231 168 036/037

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

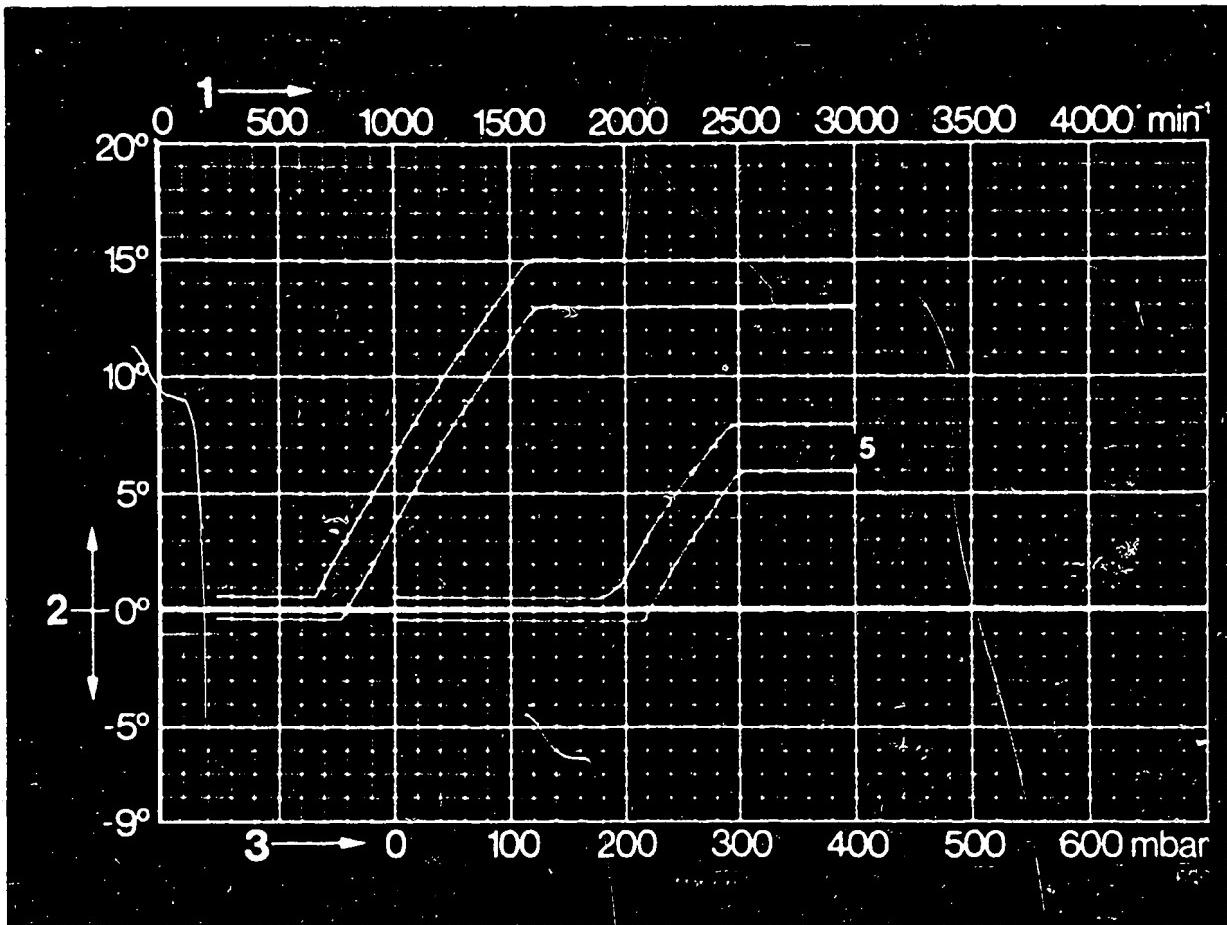
Min. contact gap:	0.40 mm
Dwell angle:	50 $\pm$ 3°
Contact pressure:	5.6...6.3 N
Margin for tolerance:	$\pm$ 0.5° dist. shaft
Cut-out speed of limiter:	2910 to 3090 min⁻¹
Test instructions:	W-231/300

**B12**

Test specifications

Ignition distributors 0 231 ..





0 231 168 041/042

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

Min. contact gap: 0.45 mm

Dwell angle:  $47 \pm 3^\circ$

Contact pressure: 5,0...6,3 N

Margin for tolerance:  $\pm 0.5^\circ$  dist. shaft

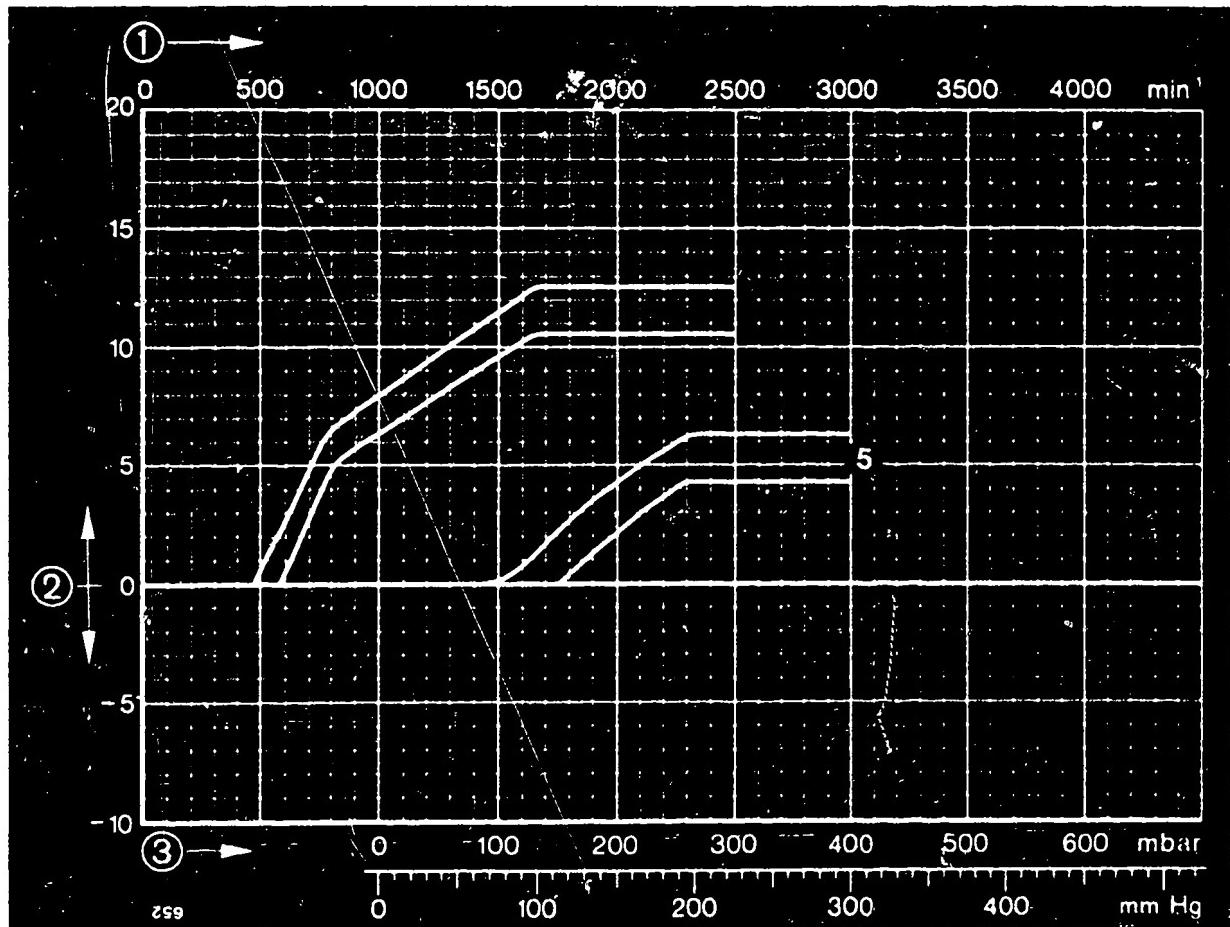
Test instructions: W-231/300

**B 13**

Test specifications

Ignition distributors 0 231 ..





0 231 170 093

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment in ° distributor shaft
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

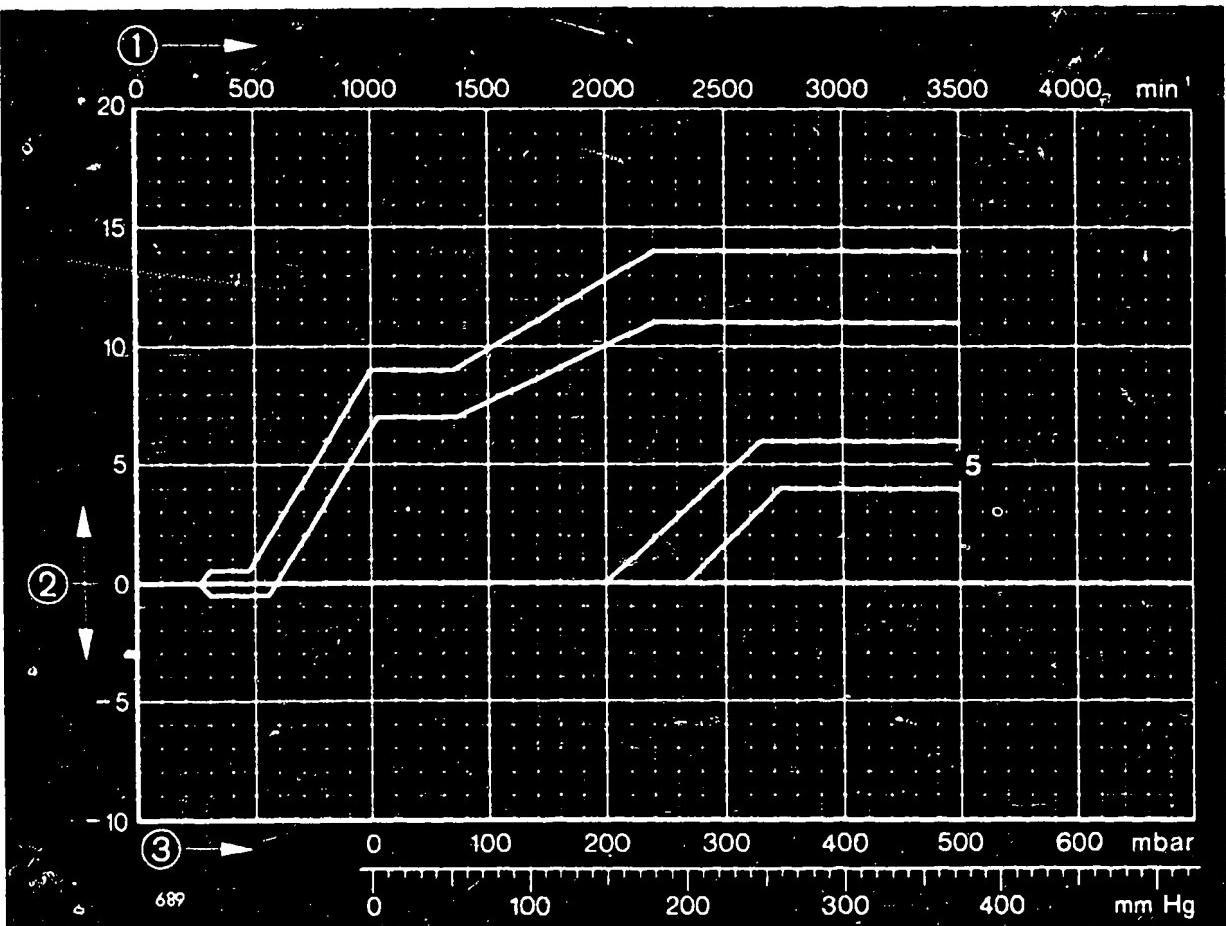
Min. contact gap:	0.45 mm
Dwell angle:	$47 \pm 3^\circ$
Contact pressure:	3.8...5.0 N
Margin for tolerance:	$\pm 0.5^\circ$ dist. shaft
FD:	531 →
Test instructions:	W-231/300

**B14**

Test specifications

Ignition distributors 0 231 ..





0 231 170 137

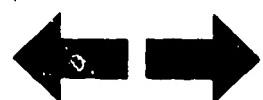
- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment in ° distributor shaft
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

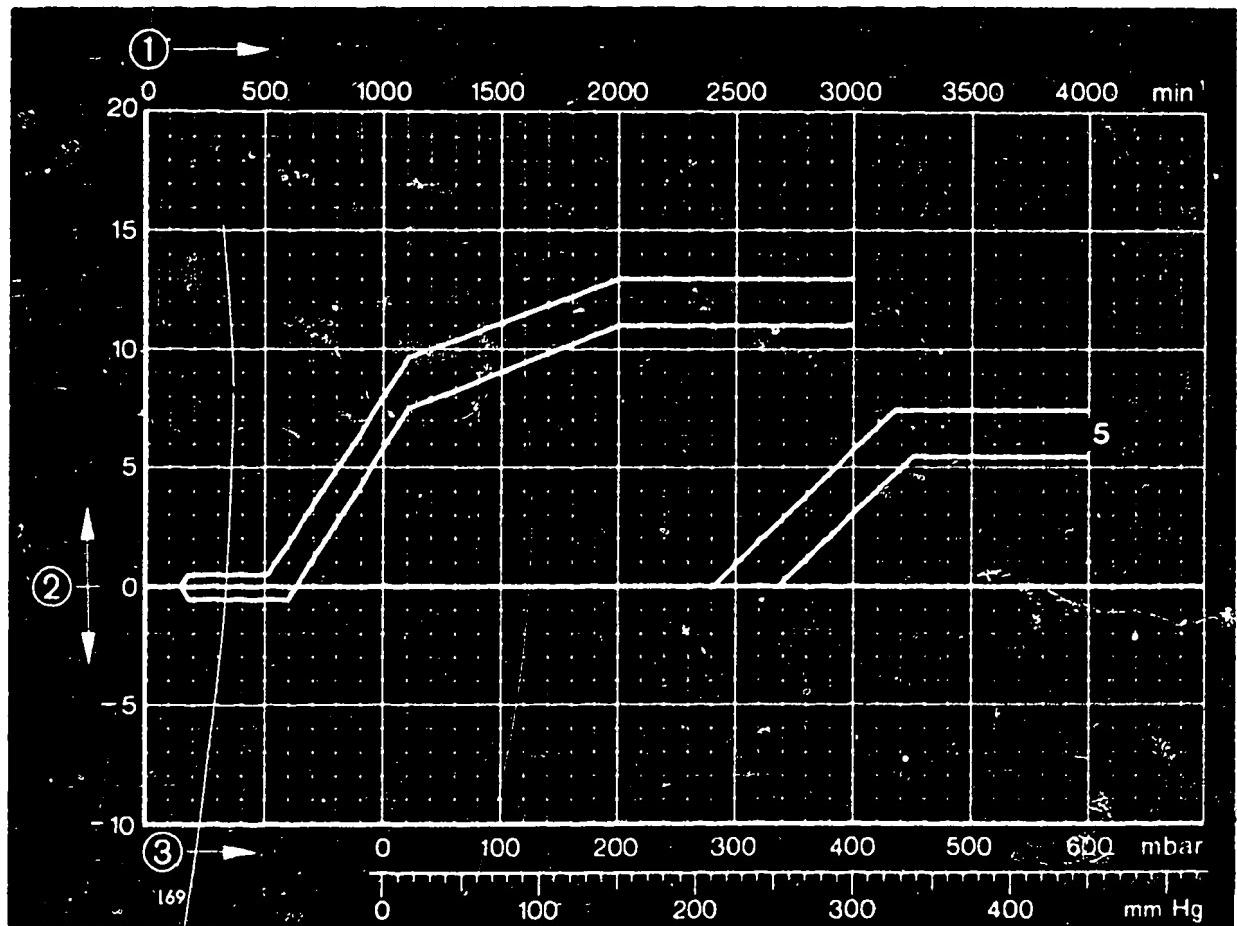
Min. contact gap:	0,40 mm
Dwell angle:	50 $\pm$ 3°
Contact pressure:	5,0...6,3 N
Margin for tolerance:	$\pm$ 0,5° dist. shaft
FD:	626 →
Test instructions:	W-231/300

**B15**

Test specifications

Ignition distributors 0 231 ..





0 231 170 139

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment in ° distributor shaft
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

Min. contact gap: 0.45 mm

Dwell angle:  $47 \pm 3^\circ$

Contact pressure: 3.8...5.0 N

Margin for tolerance:  $\pm 0.5^\circ$  dist. shaft

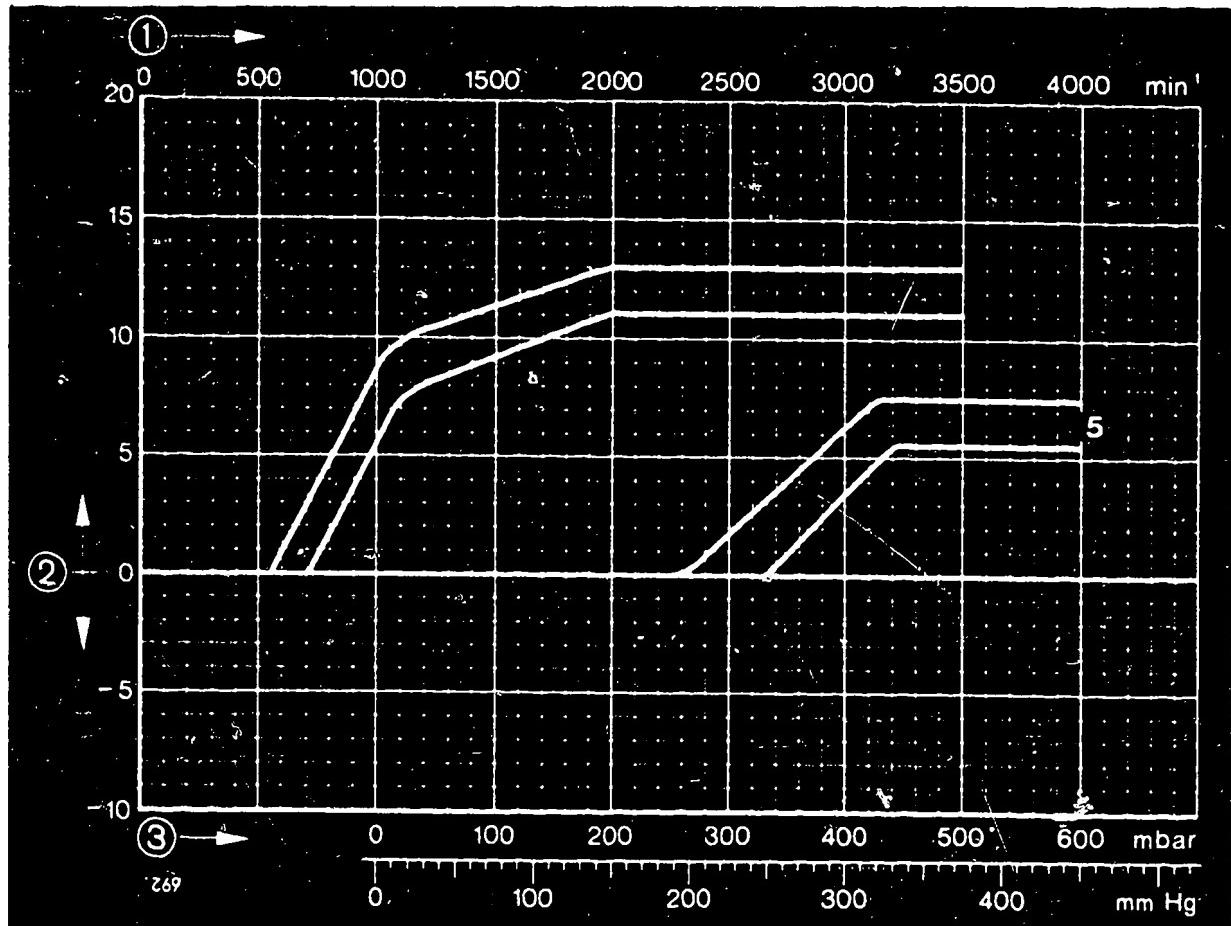
Test instructions: W-231/300

**B 16**

Test specifications

Ianition distributors 0 231 ..





0 231 170 139

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment in ° distributor shaft
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

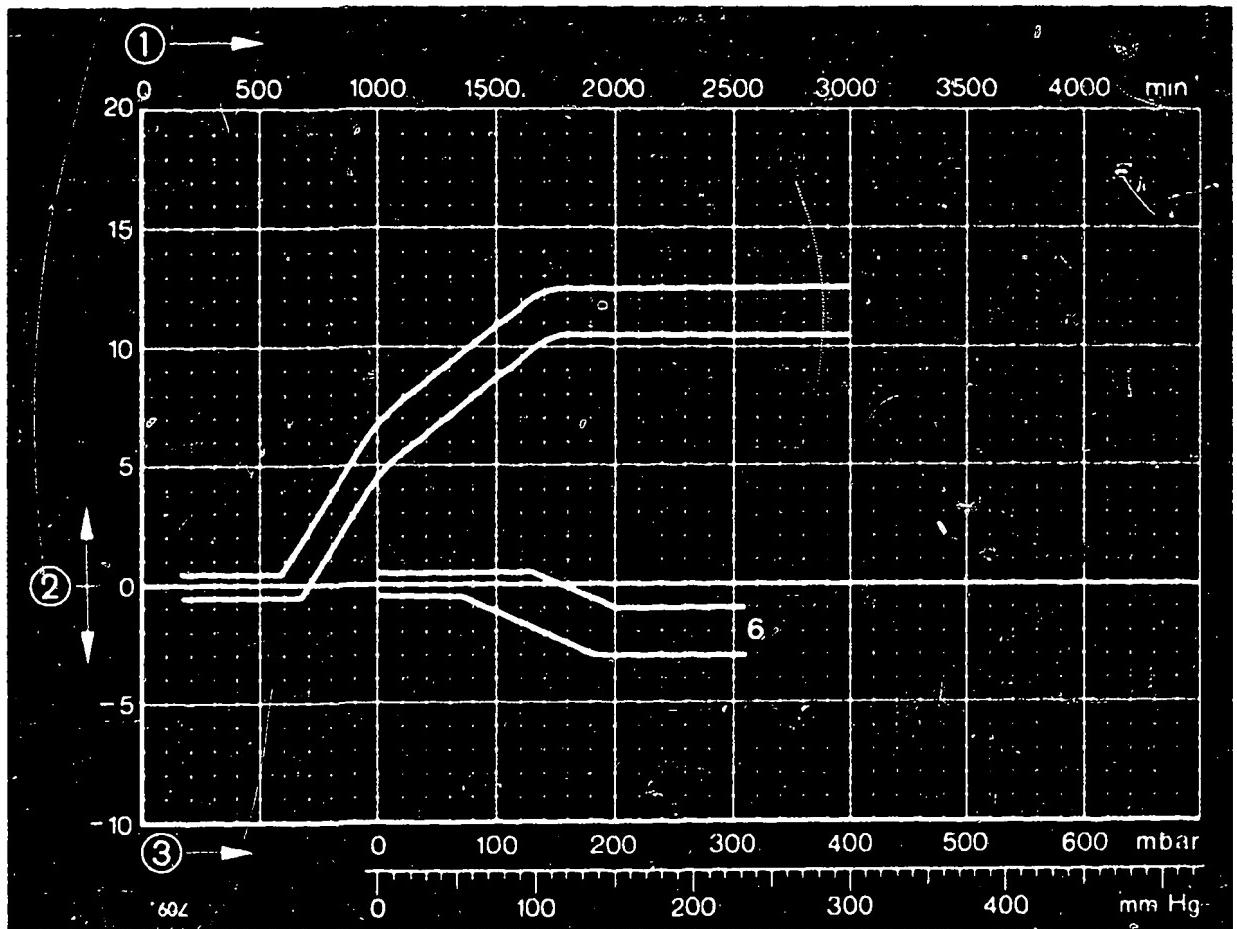
Min. contact gap:	0.45 mm
Dwell angle:	$47 \pm 3^\circ$
Contact pressure:	3.8...5.0 N
Margin for tolerance:	$\pm 0.5^\circ$ dist. shaft
FD:	427 →
Test instructions:	W-231/300

**B17**

Test specifications

Ignition distributors 0 231 ..





0 231 170 157

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment in ° distributor shaft
- 3 = Negative gauge pressure (vacuum)
- 6 = Negative gauge pressure (vacuum) retard

Min. contact gap: 0.40 mm

Dwell angle:  $50 \pm 3^\circ$

Contact pressure: 5.0...6.3 N

Margin for tolerance:  $\pm 0.5^\circ$  dist. shaft

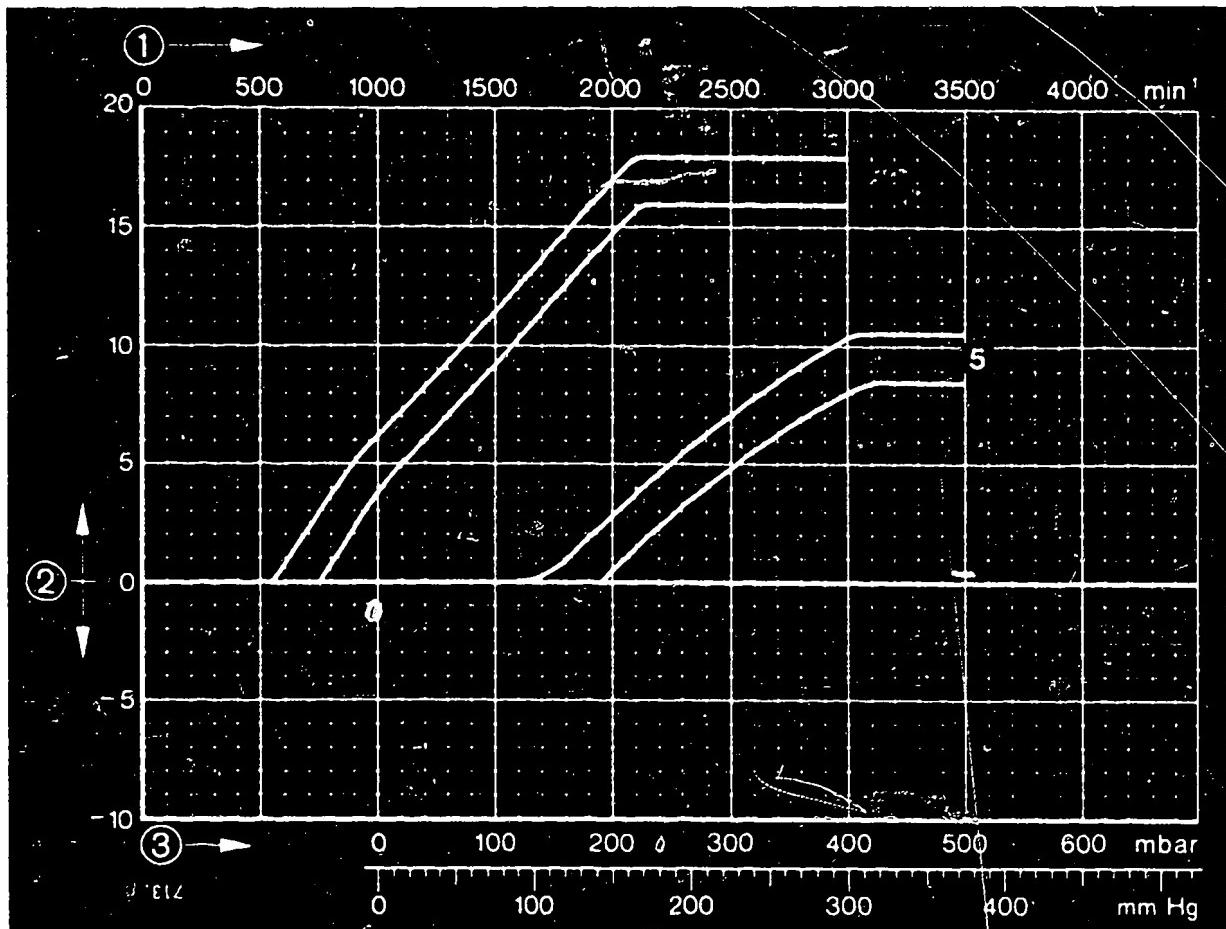
Test instructions: W-231/300

**B 18**

Test specifications

Ignition distributors 0 231 ..





0 231 170 161/162

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment in ° distributor shaft
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

Min. contact gap:	0.45 mm
Dwell angle:	$47 \pm 3^\circ$
Contact pressure:	3.8...5.0 N
Margin for tolerance:	$\pm 0.5^\circ$ dist. shaft

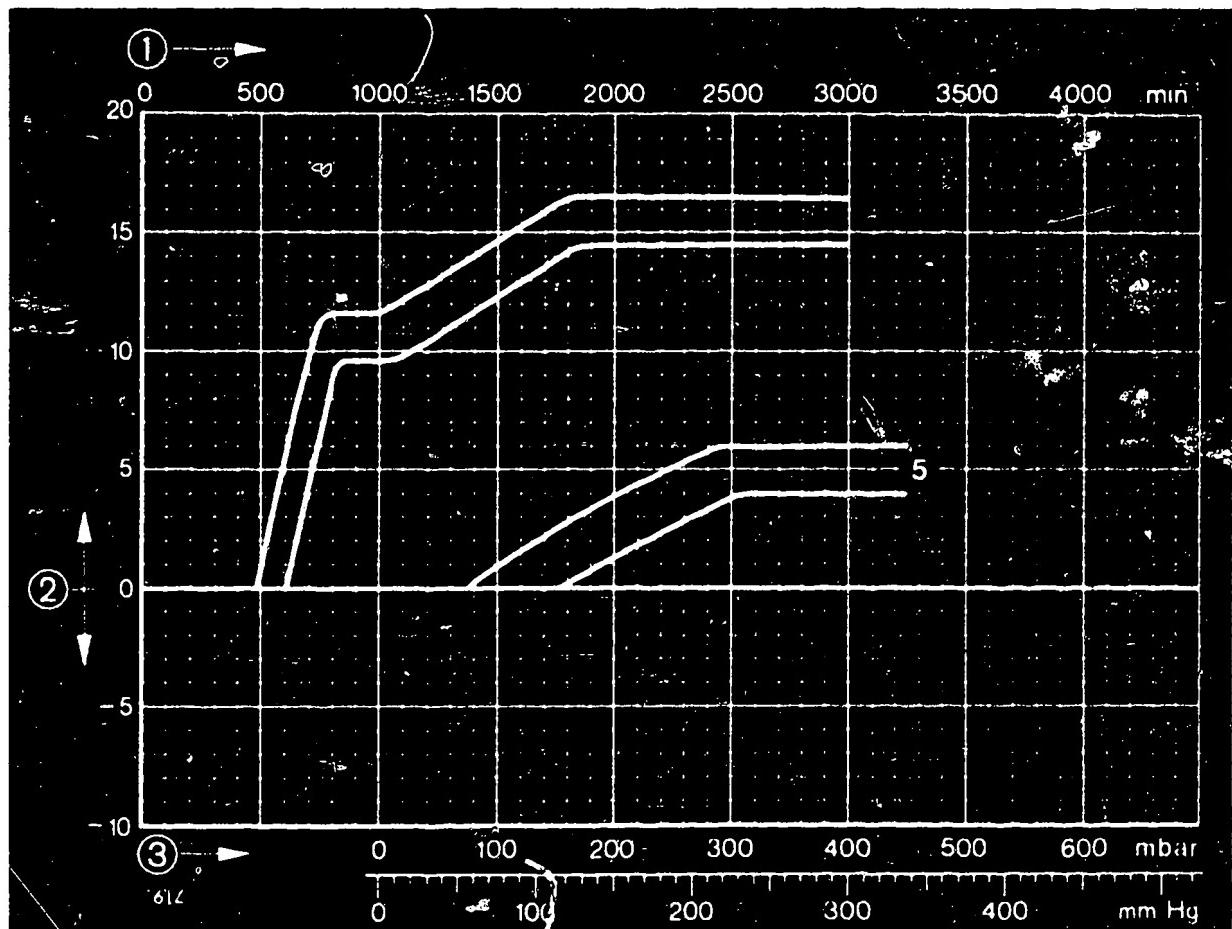
Test instructions: W-231/300

**B19**

Test specifications

Ignition distributors 0 231 ..





0 231 170 167

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment in ° distributor shaft
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

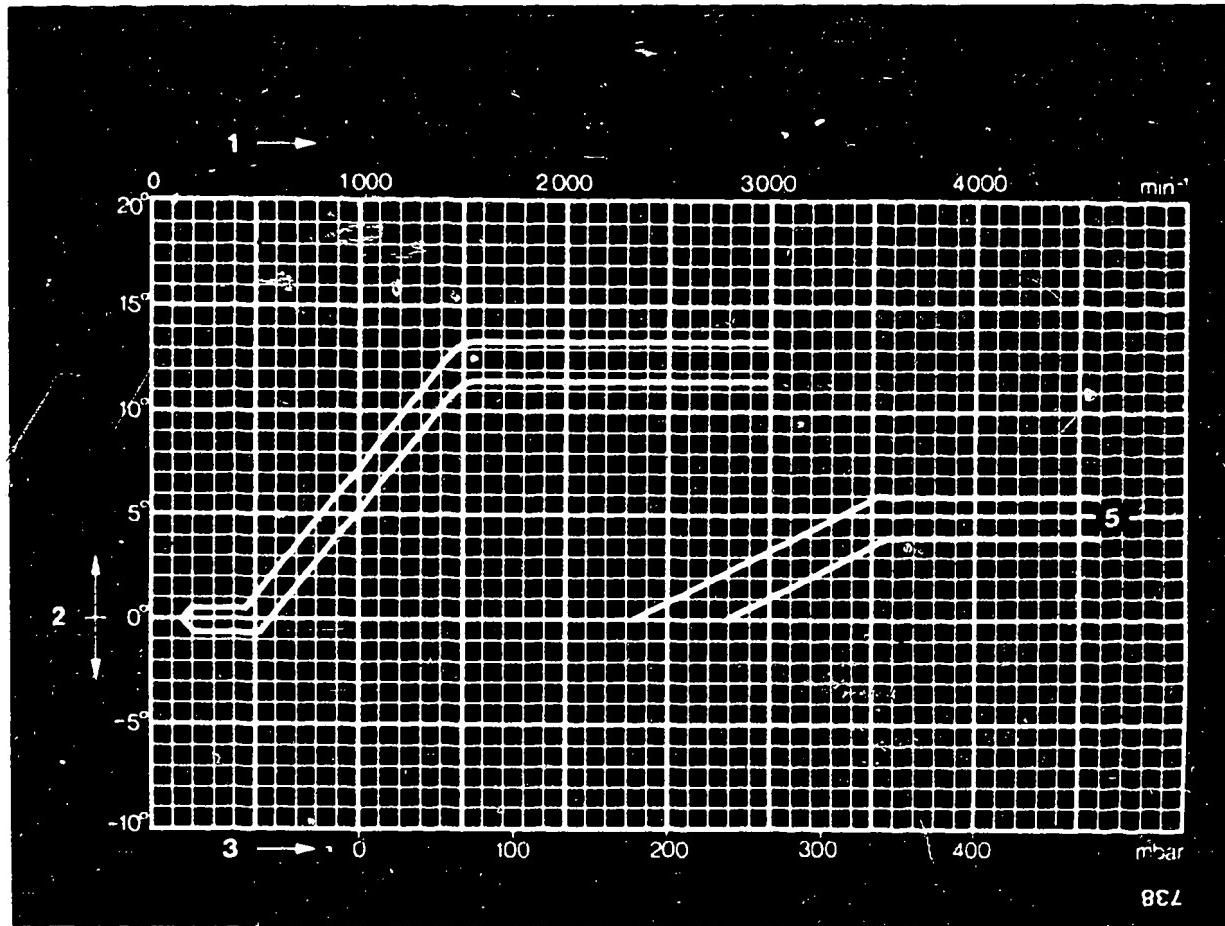
Min. contact gap:	0.45 mm
Dwell angle:	$47 \pm 3^\circ$
Contact pressure:	3.8...5.0 N
Margin for tolerance:	$\pm 0.5^\circ$ dist. shaft
FD:	732 →
Test instructions:	W-231/300

**B20**

Test specifications

Ignition distributors 0 231 ..





0 231 170 185

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

Min. contact gap:

0.35 mm

Dwell angle:

$50 \pm 3^\circ$

Contact pressure:

6.5...8.0 N

Margin for tolerance:

$\pm 0.5^\circ$  dist. shaft

Test instructions:

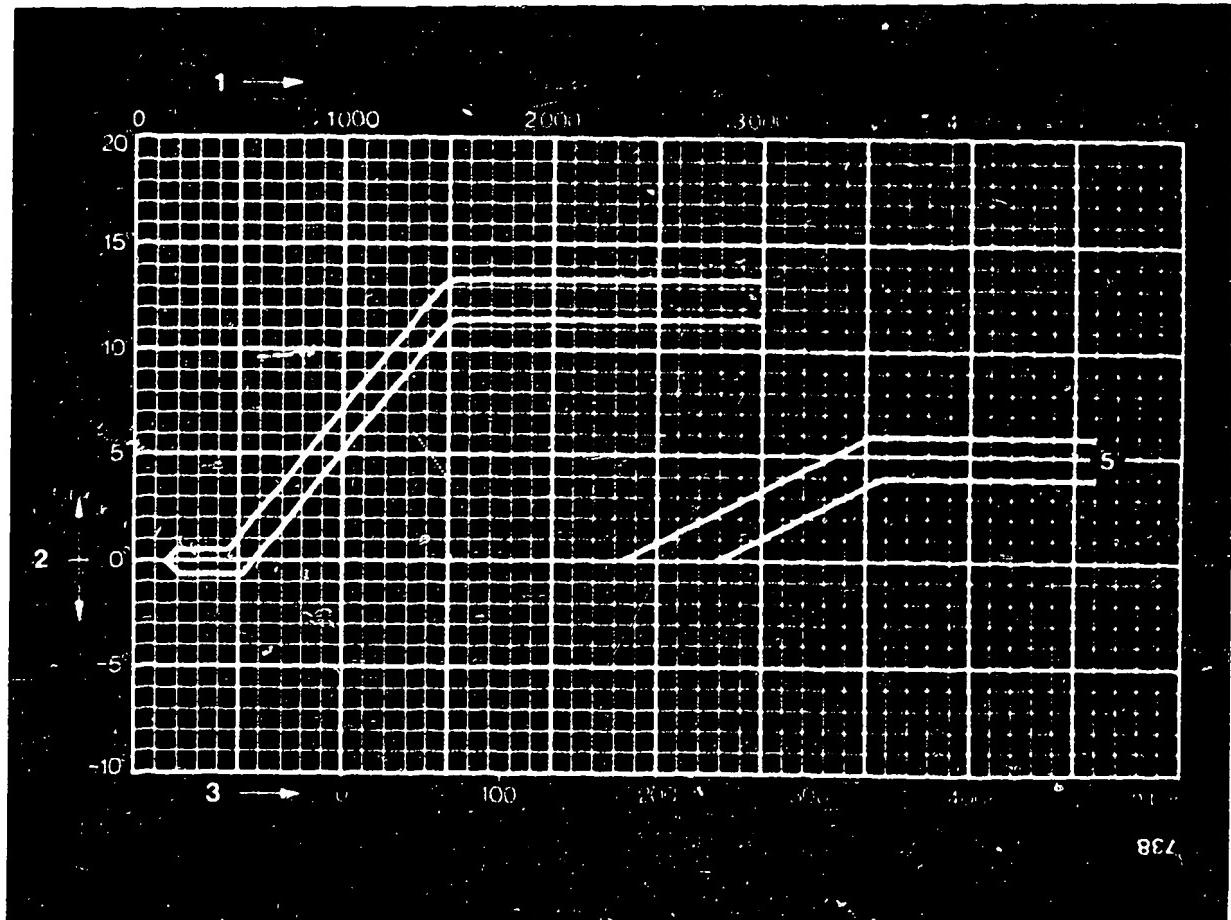
W-231/300

**B21**

Test specifications

Ignition distributors 0 231 ..





0 231 170 185

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

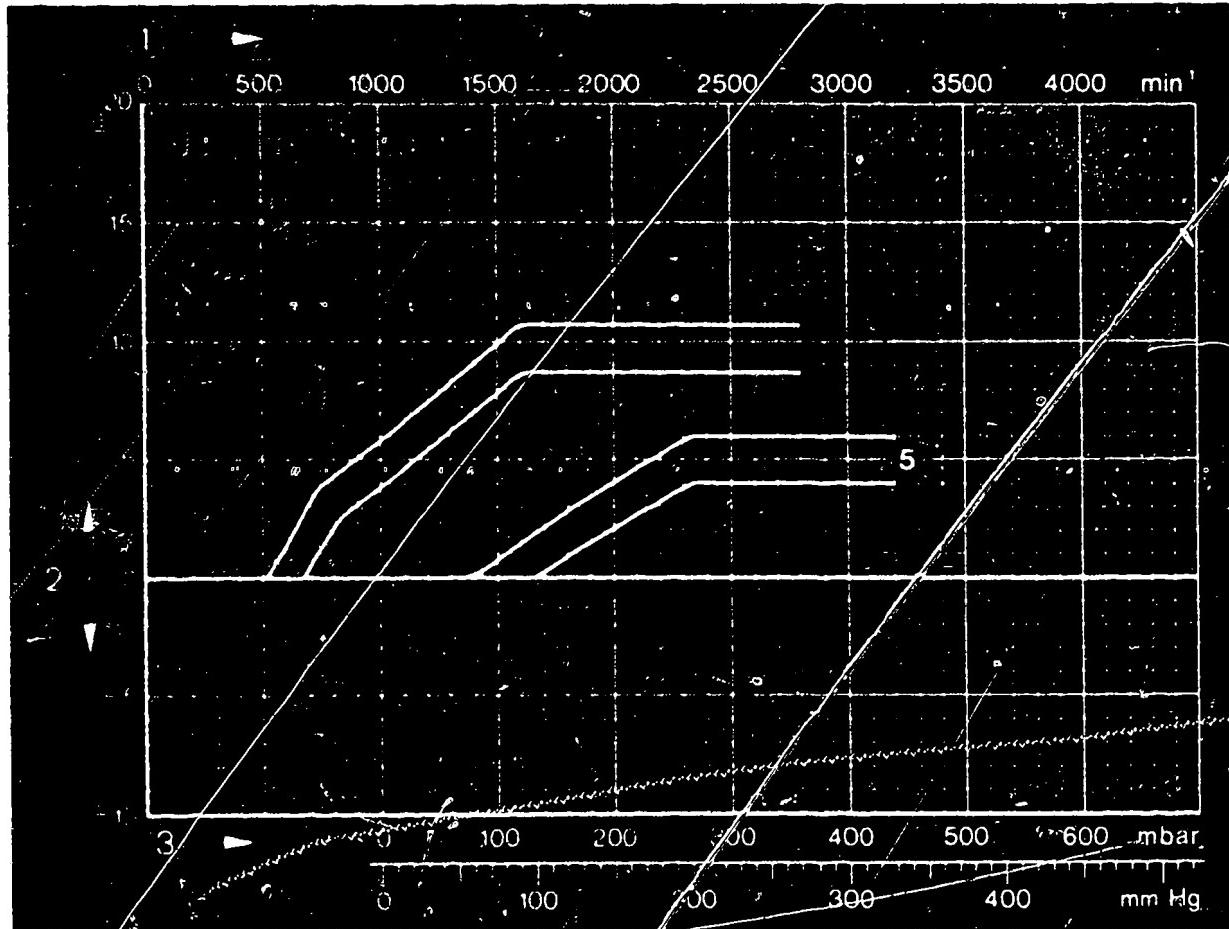
Min. contact gap:	0.40 mm
Dwell angle:	$62 \pm 3^\circ$
Contact pressure:	5.0...6.3 N
Margin for tolerance:	$\pm 0.5^\circ$ dist. shaft
FD:	922 →
Test instructions:	W-231/300

**B22**

Test specifications

Ignition distributors 0 231 ..





0 231 170 186/187

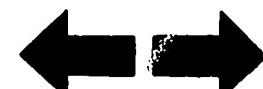
- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment in ° distributor shaft
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

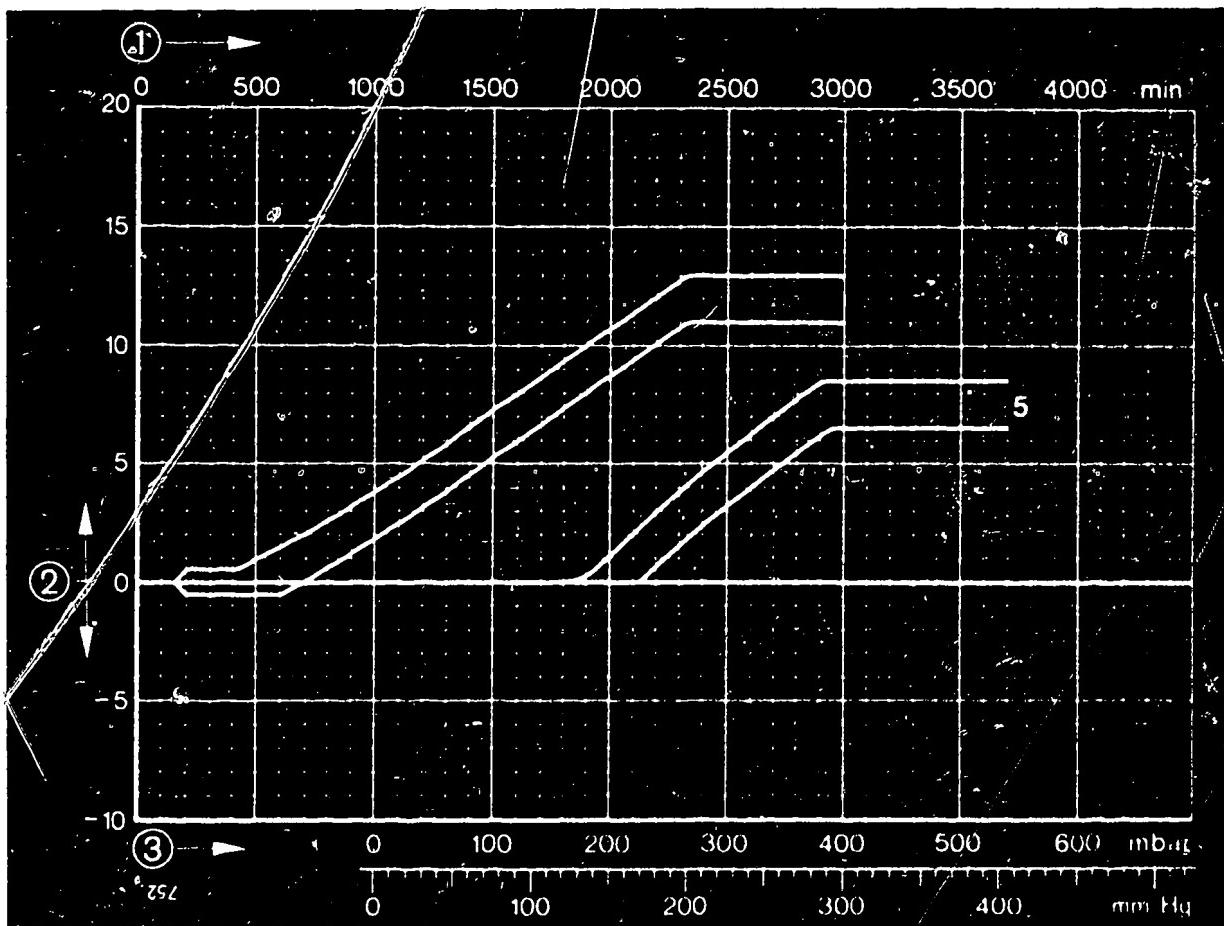
Min. contact gap:	0.45 mm
Dwell angle:	47 $\pm$ 3°
Contact pressure:	3.8...5.0 N
Margin for tolerance:	$\pm$ 0.5° dist. shaft
FD:	531 +
Test instructions:	W-231/300

**B23**

Test specifications

Ignition distributors 0 231 ..





0 231 170 197

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment in ° distributor shaft
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

Min. contact gap:	0.40 mm
Dwell angle:	$50 \pm 3^\circ$
Contact pressure:	5.0...6.3 N
Margin for tolerance:	$\pm 0.5^\circ$ dist. shaft

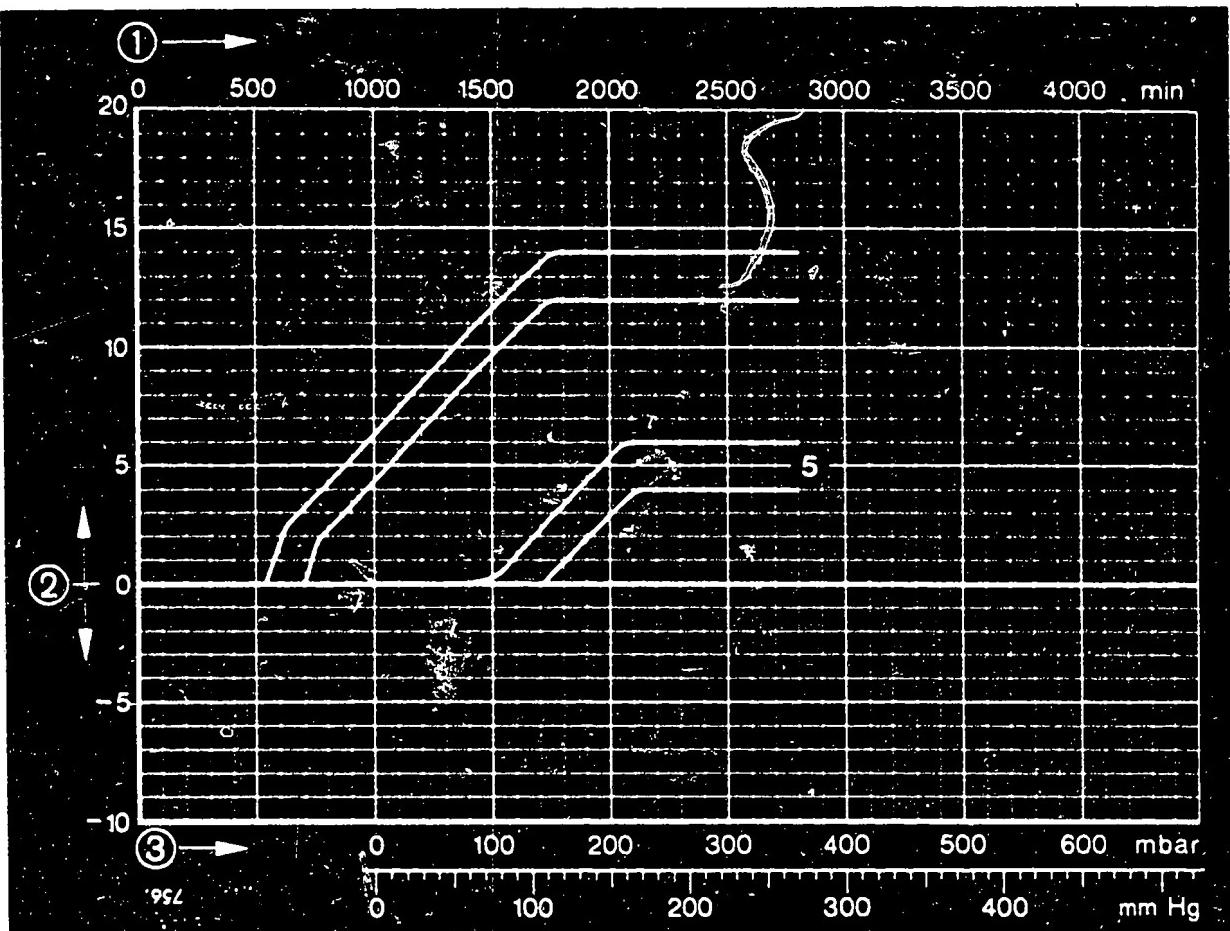
Test instructions: W-231/300

**B24**

Test specifications

Ignition distributors 0 231 ..





0 231 170 202/203

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment in ° distributor shaft
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

Min. contact gap: 0.40 mm

Dwell angle:  $47 \pm 3^\circ$

Contact pressure: 3.8...5.0 N

Margin for tolerance:  $\pm 0.5^\circ$  dist. shaft

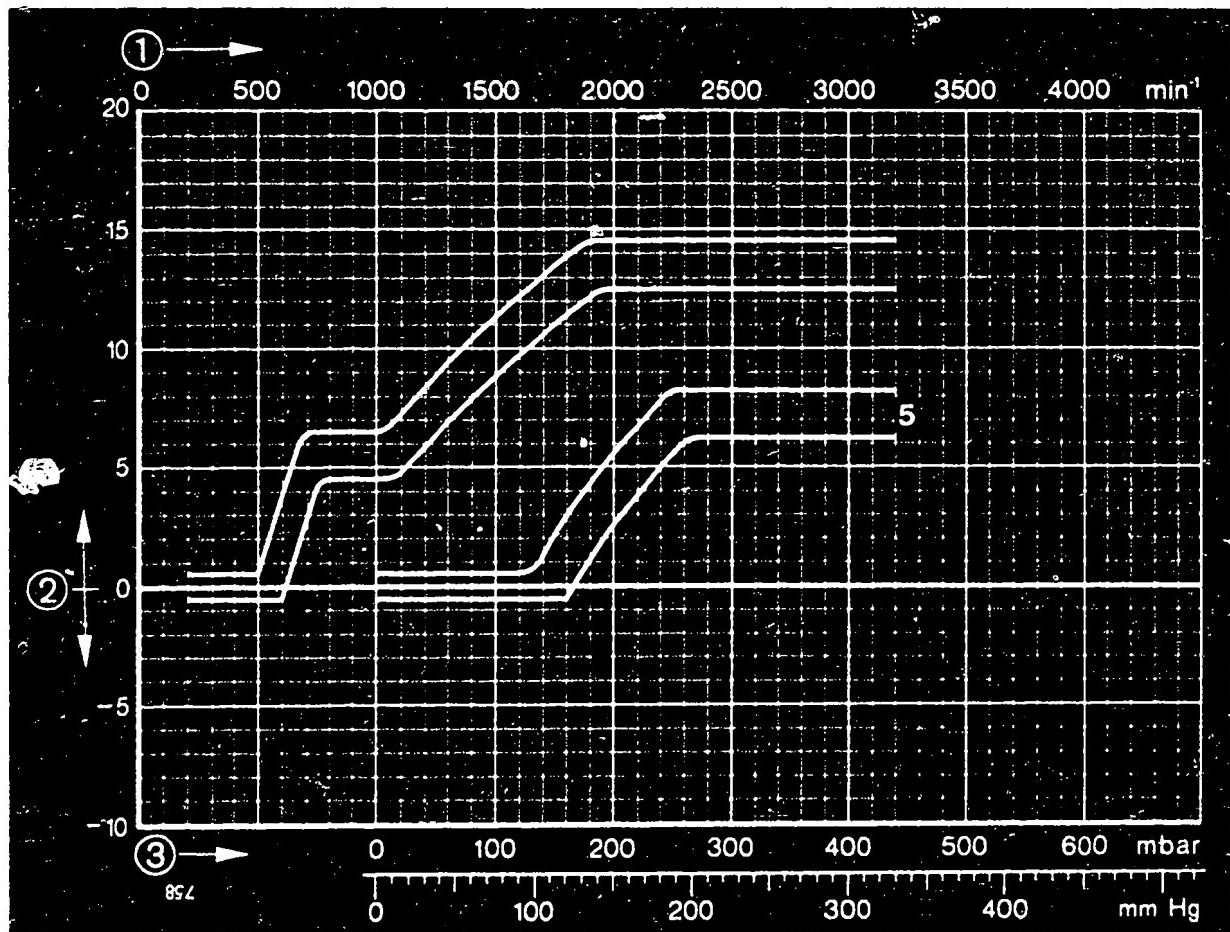
Test instructions: W-231/300

**C1**

Test specifications

Ignition distributors 0 231 ..





0 231 170 204

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment in ° distributor shaft
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

Min. contact gap:	0.40 mm
Dwell angle:	$50 \pm 3^\circ$
Contact pressure:	5.0...6.3 N
Margin for tolerance:	$\pm 0.5^\circ$ dist. shaft

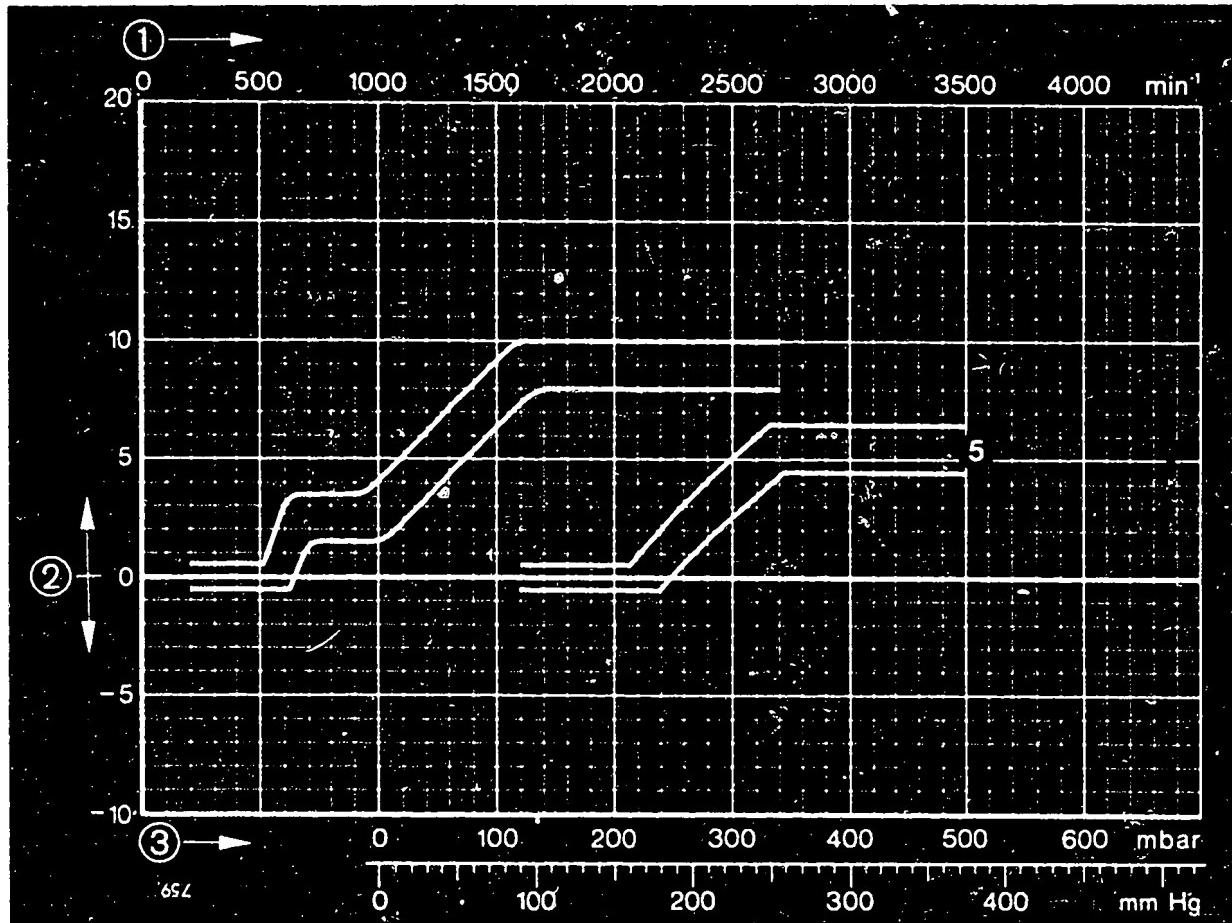
Test instructions: W-231/300

**C2**

Test specifications

Ignition distributors 0 231 ..





0 231 170 205

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment in ° distributor shaft
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

Min. contact gap:	0.40 mm
Dwell angle:	$50 \pm 3^\circ$
Contact pressure:	5.0...6.3 N
Margin for tolerance:	$\pm 0.5^\circ$ dist. shaft

Test instructions: W-231/300

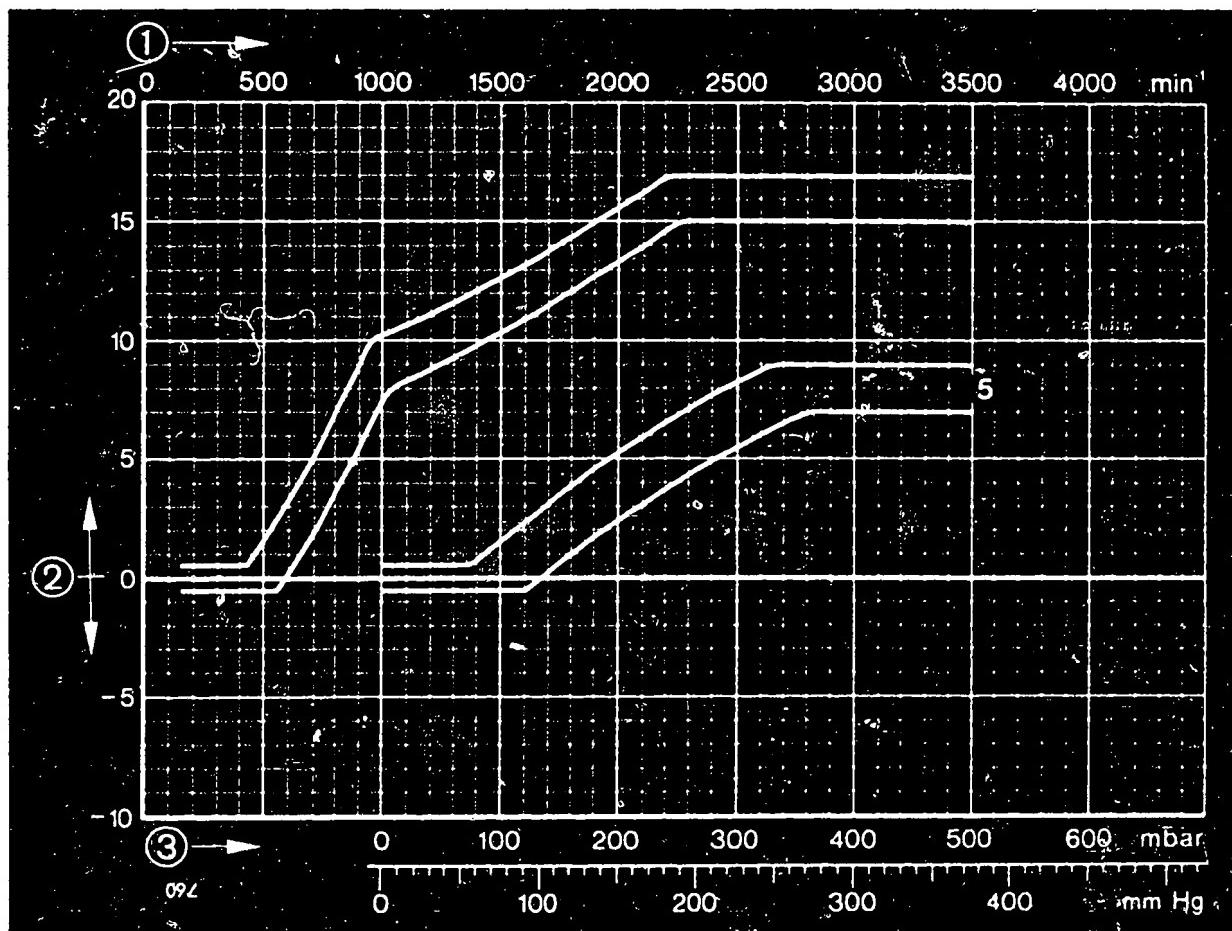
Clamping flange:	1 685 700 129
Driver:	1 686 400 004

**C3**

Test specifications

Ignition distributors 0 231 ..





0 231 170 206/207

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment in ° distributor shaft
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

Min. contact gap:	0.40 mm
Dwell angle:	$47 \pm 3^\circ$
Contact pressure:	3.8...5.0 N
Margin for tolerance:	$\pm 0.5^\circ$ dist. shaft

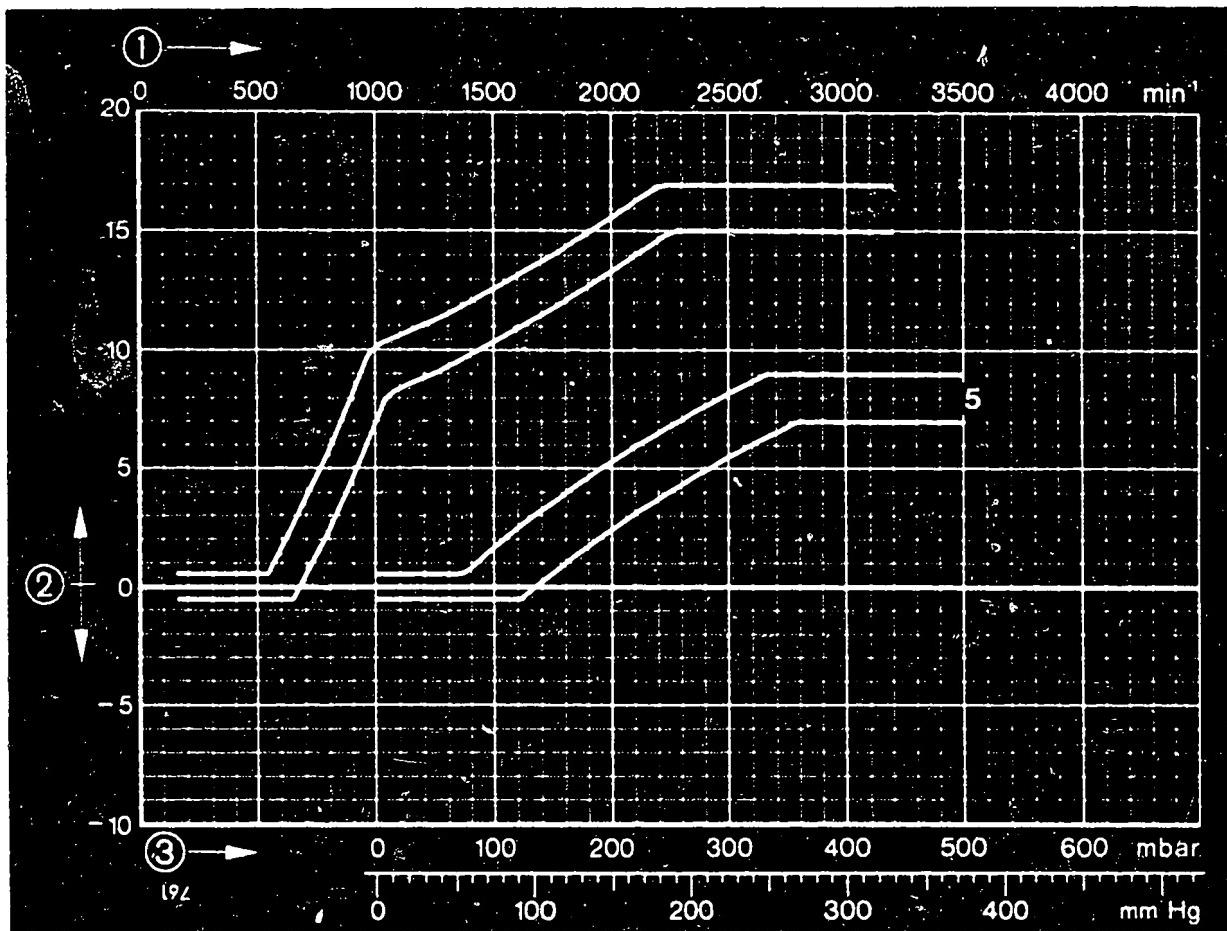
Test instructions: W-231/300

**C4**

Test specifications

Ignition distributors 0 231 ..





0 231 170 206/207

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment in ° distributor shaft
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

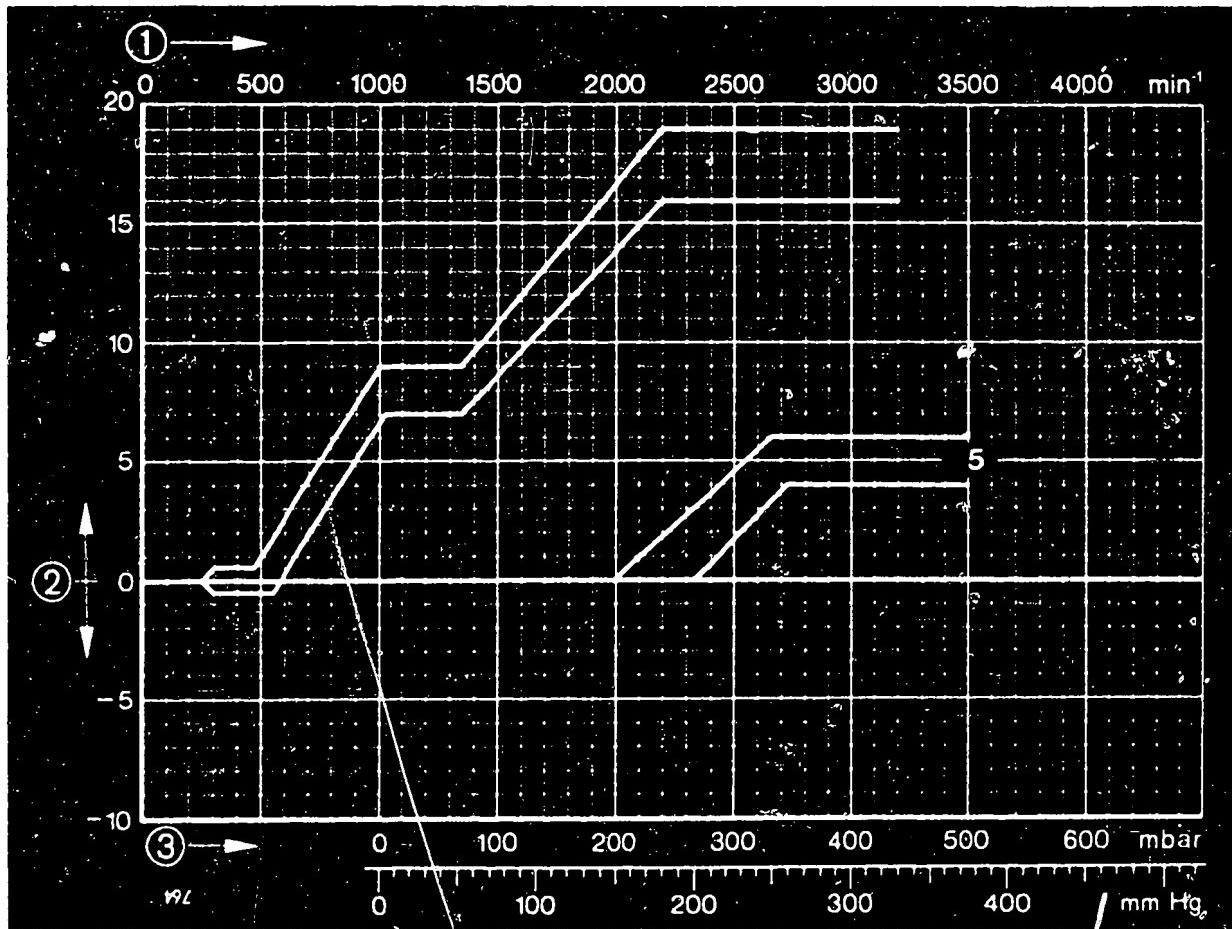
Min. contact gap:	0.40 mm
Dwell angle:	$47 \pm 3^\circ$
Contact pressure:	3.8...5.0 N
Margin for tolerance:	$\pm 0.5^\circ$ dist. shaft
FD:	630 →
Test instructions:	W-231/300

**C5**

Test specifications

Ignition distributors 0 231 ..





0 231 170 208

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment in ° distributor shaft
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

Min. contact gap:	0.40 mm
Dwell angle:	50 $\pm$ 3°
Contact pressure:	6.5...8.0 N
Margin for tolerance:	$\pm$ 0.5° dist. shaft

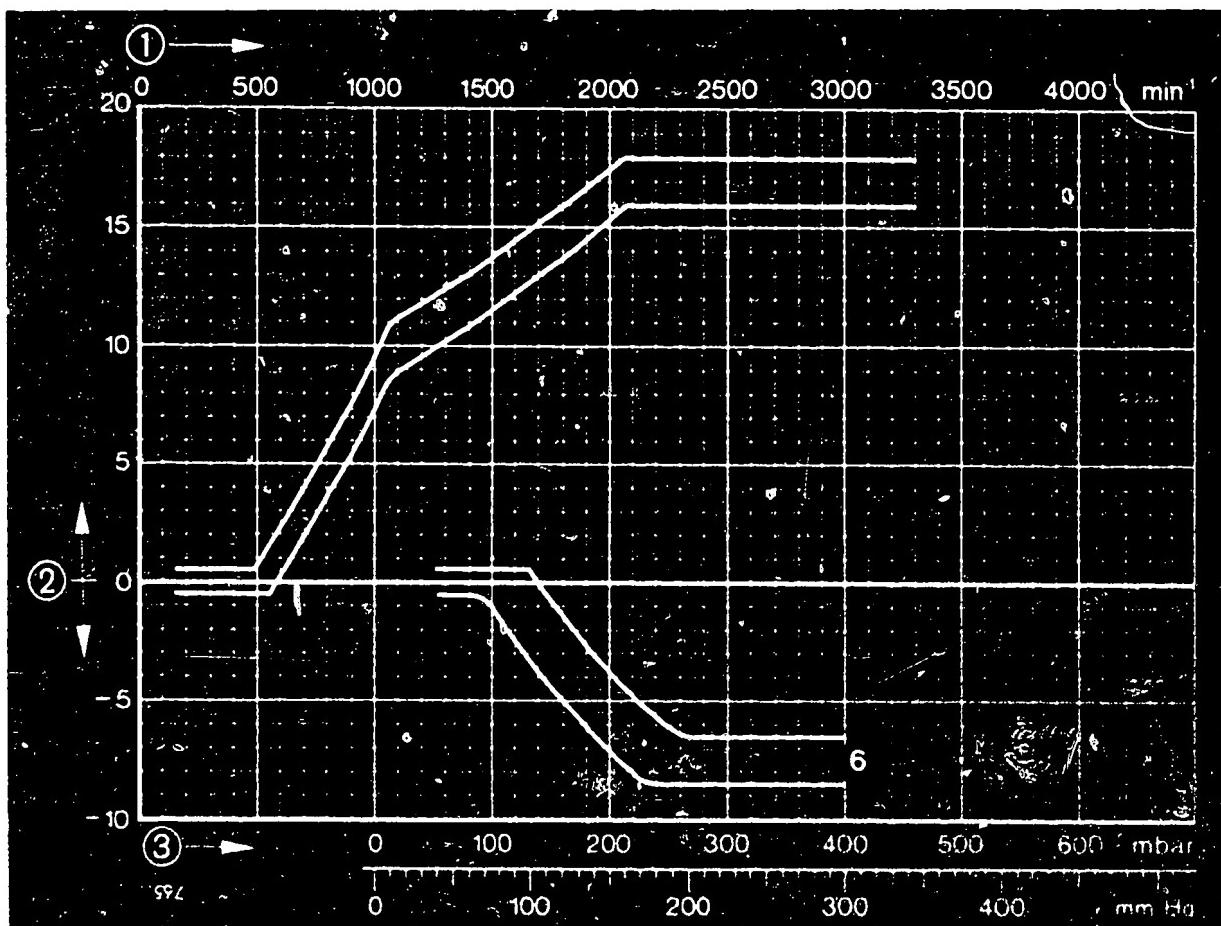
Test instructions: W-231/300

**C6**

Test specifications

Ignition distributors 0 231 ..





0 231 170 214

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment in ° distributor shaft
- 3 = Negative gauge pressure (vacuum)
- 6 = Negative gauge pressure (vacuum) retard

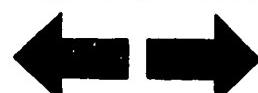
Min. contact gap:	0.40 mm
Dwell angle:	62 $\pm$ 3°
Contact pressure:	5.0...6.3 N
Margin for tolerance:	$\pm$ 0.5° dist. shaft

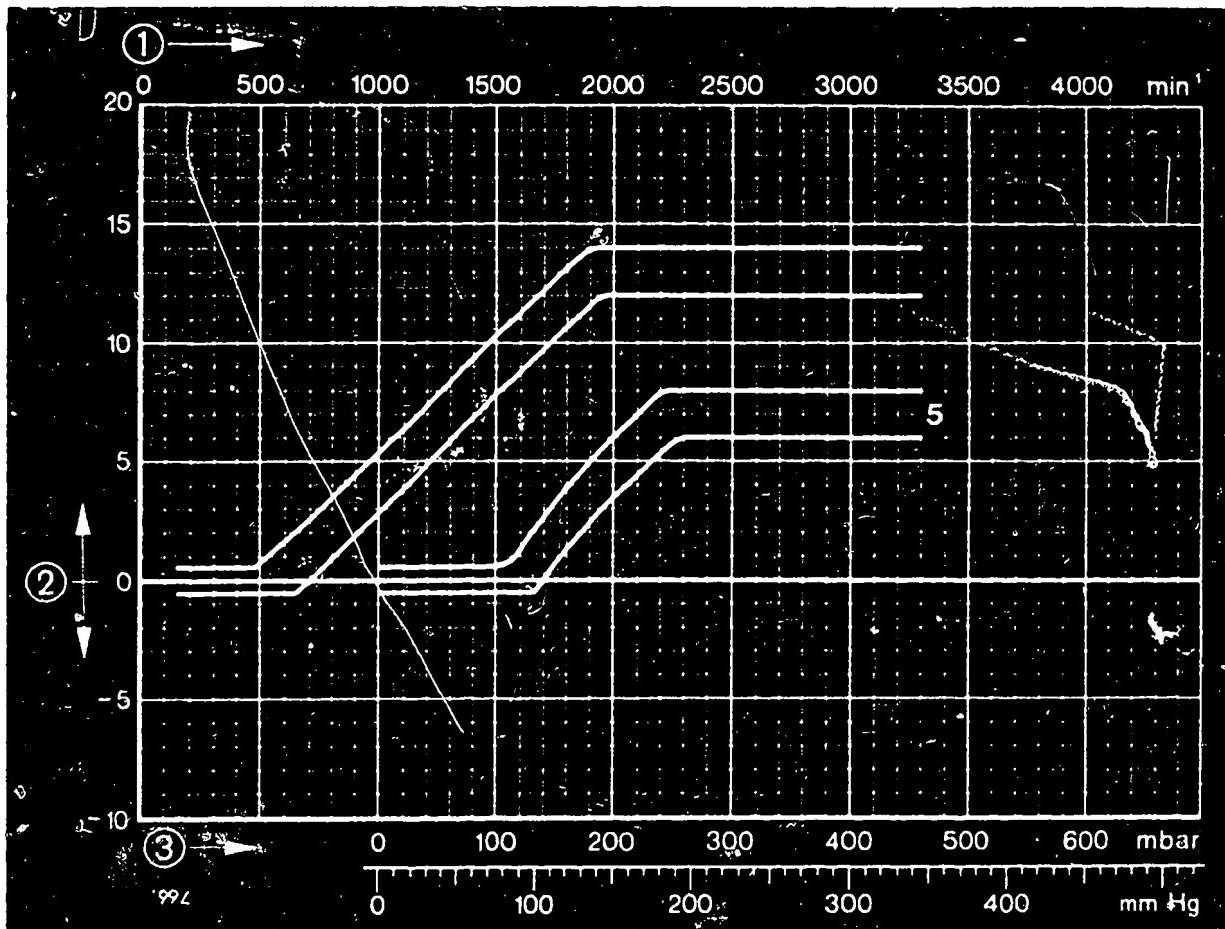
Test instructions: W-231/300

**C7**

Test specifications

Ignition distributors 0 231 ..





0 231 170 223/224

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment in ° distributor shaft
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

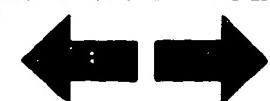
Min. contact gap:	0.40 mm
Dwell angle:	$47 \pm 3^\circ$
Contact pressure:	3.8...5.0 N
Margin for tolerance:	$\pm 0.5^\circ$ dist. shaft

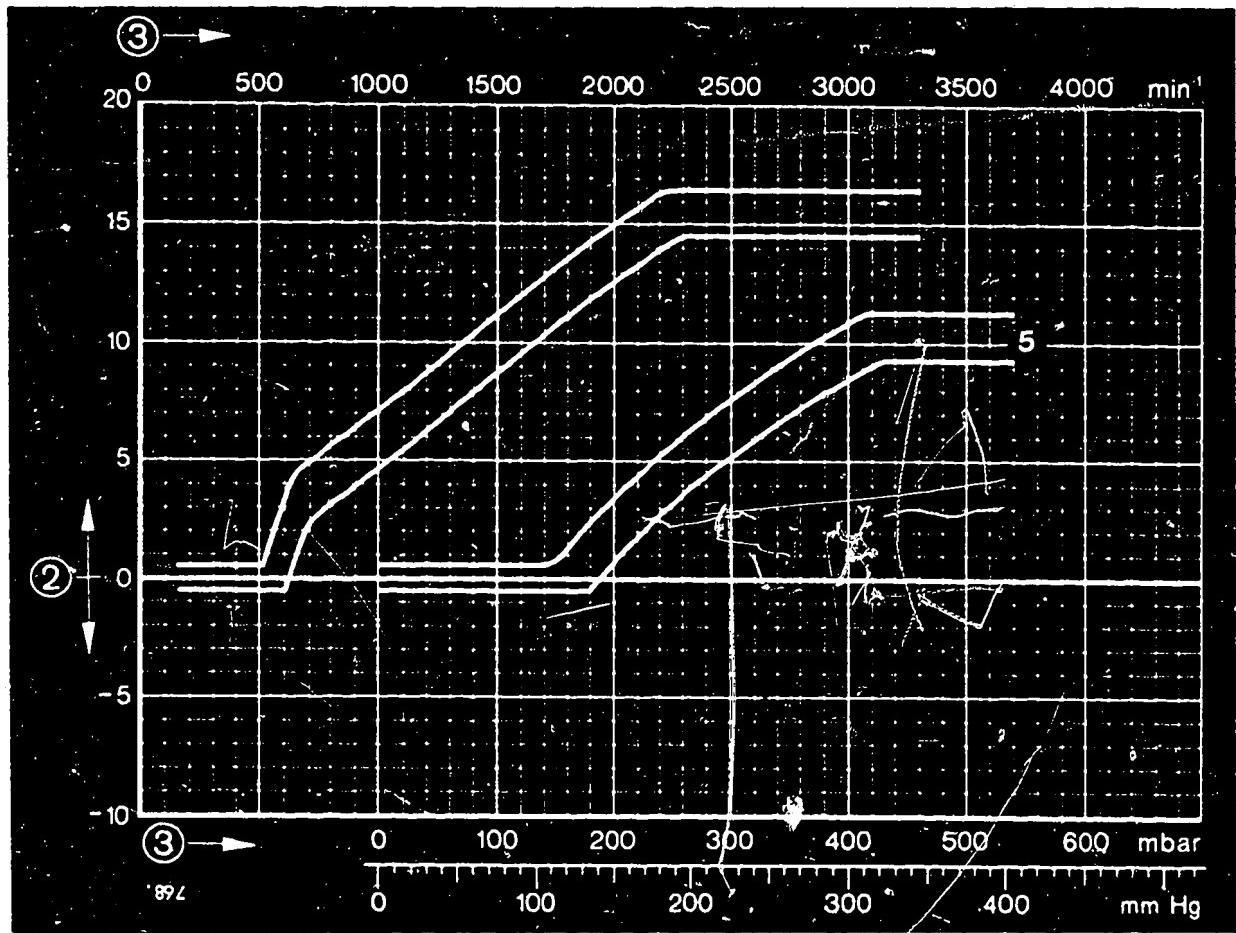
Test instructions: W-231/300

**C8**

Test specifications

Ignition distributors 0 231 ..





0 231 170 225

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment in ° distributor shaft
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

Min. contact gap:	0.40 mm
Dwell angle:	$50 \pm 3^\circ$
Contact pressure:	5.0...6.3 N
Margin for tolerance:	$\pm 0.5^\circ$ dist. shaft

Test instructions: W-231/300

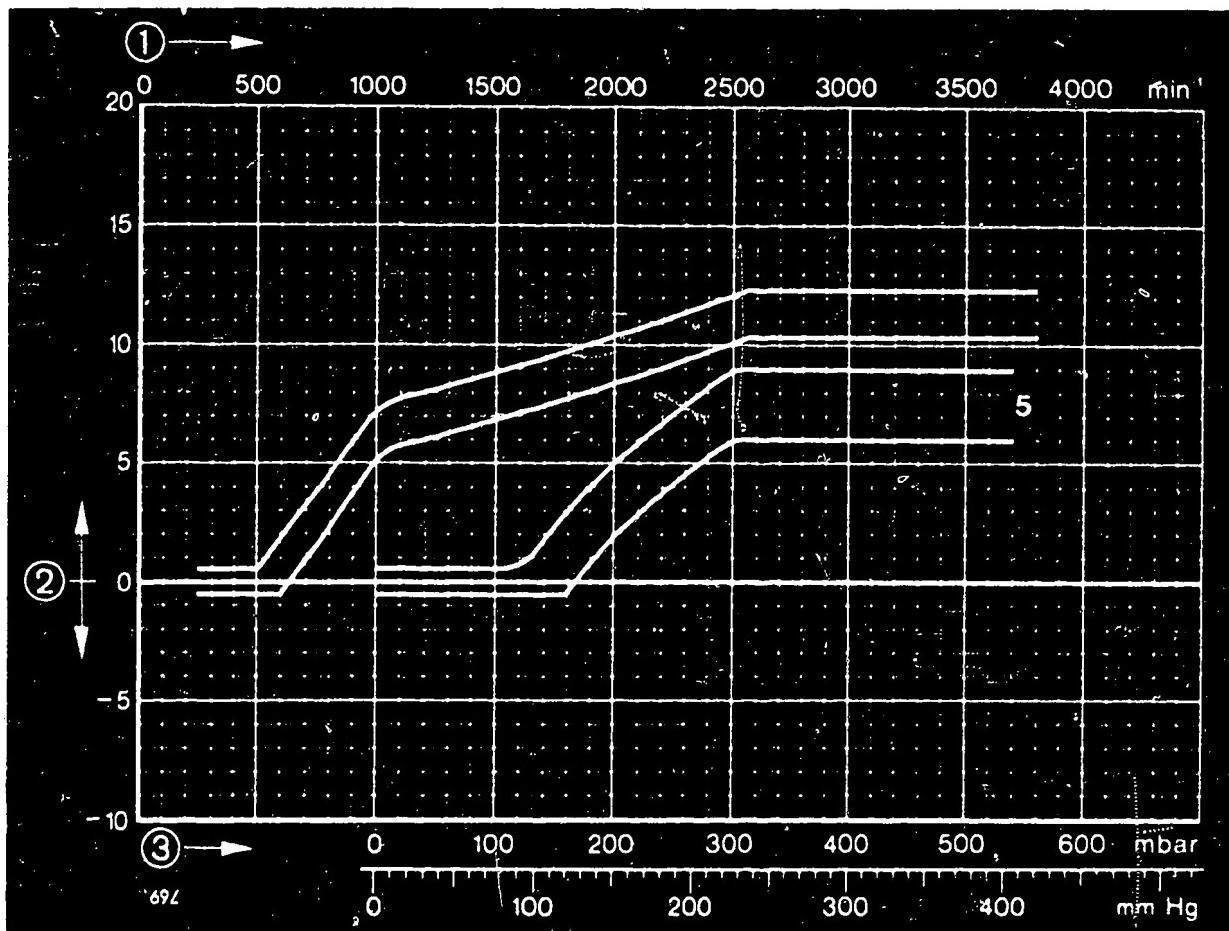
Clamping flange:	1 685 700 129
Driver:	1 686 400 004

**C9**

Test specifications

Ignition distributors 0 231 ..





0 231 170 226/227

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment in ° distributor shaft
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

Min. contact gap:	0.35 mm
Dwell angle:	50 $\pm$ 3°
Contact pressure:	5.0...6.3 N
Margin for tolerance:	$\pm$ 0.5° dist. shaft

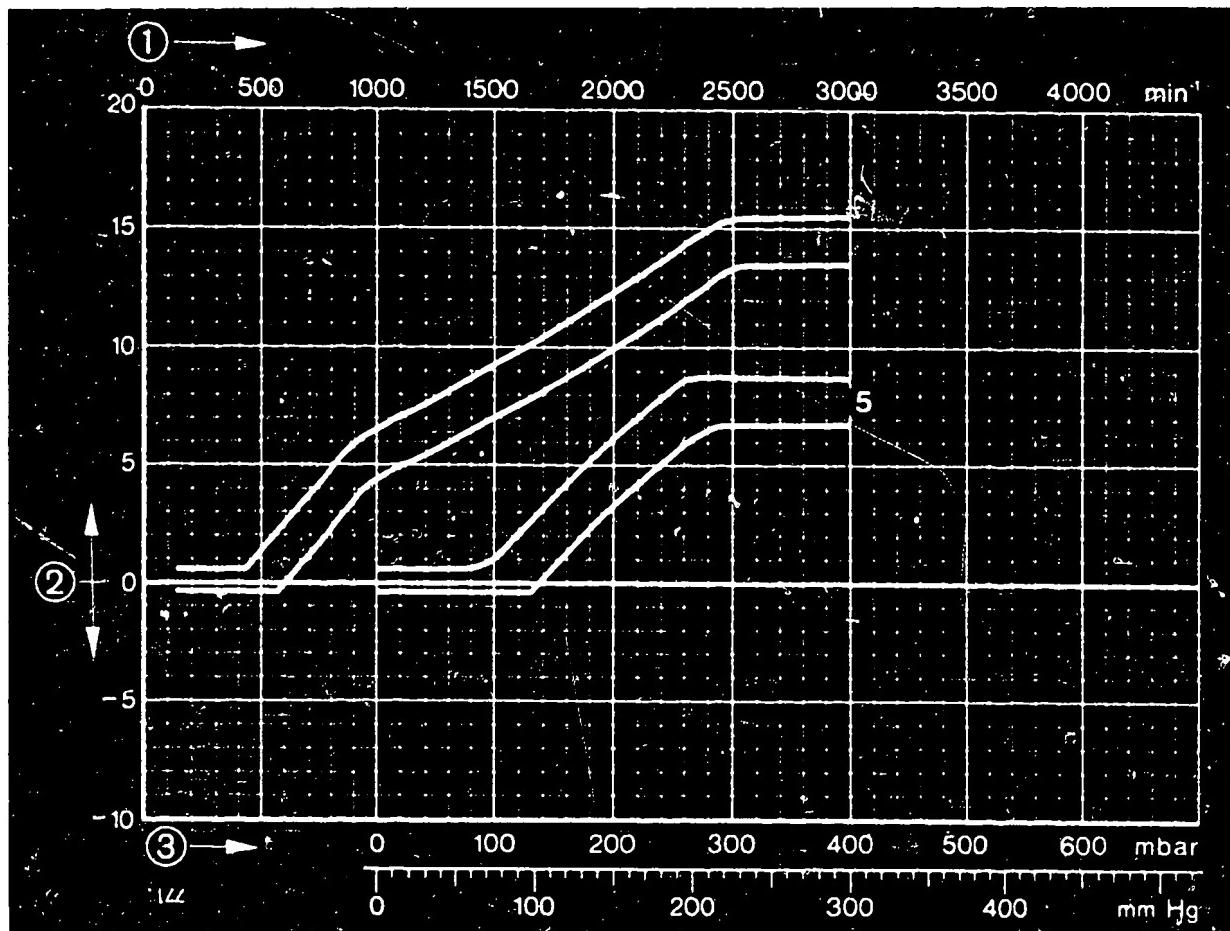
Test instructions: W-231/300

**C10**

Test specifications

Ignition distributors 0 231 ..





0 231 170 229

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment in ° distributor shaft
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

Min. contact gap:	0.40 mm
Dwell angle:	$62 \pm 3^\circ$
Contact pressure:	5.0...6.3 N
Margin for tolerance:	$\pm 0.5^\circ$ dist. shaft

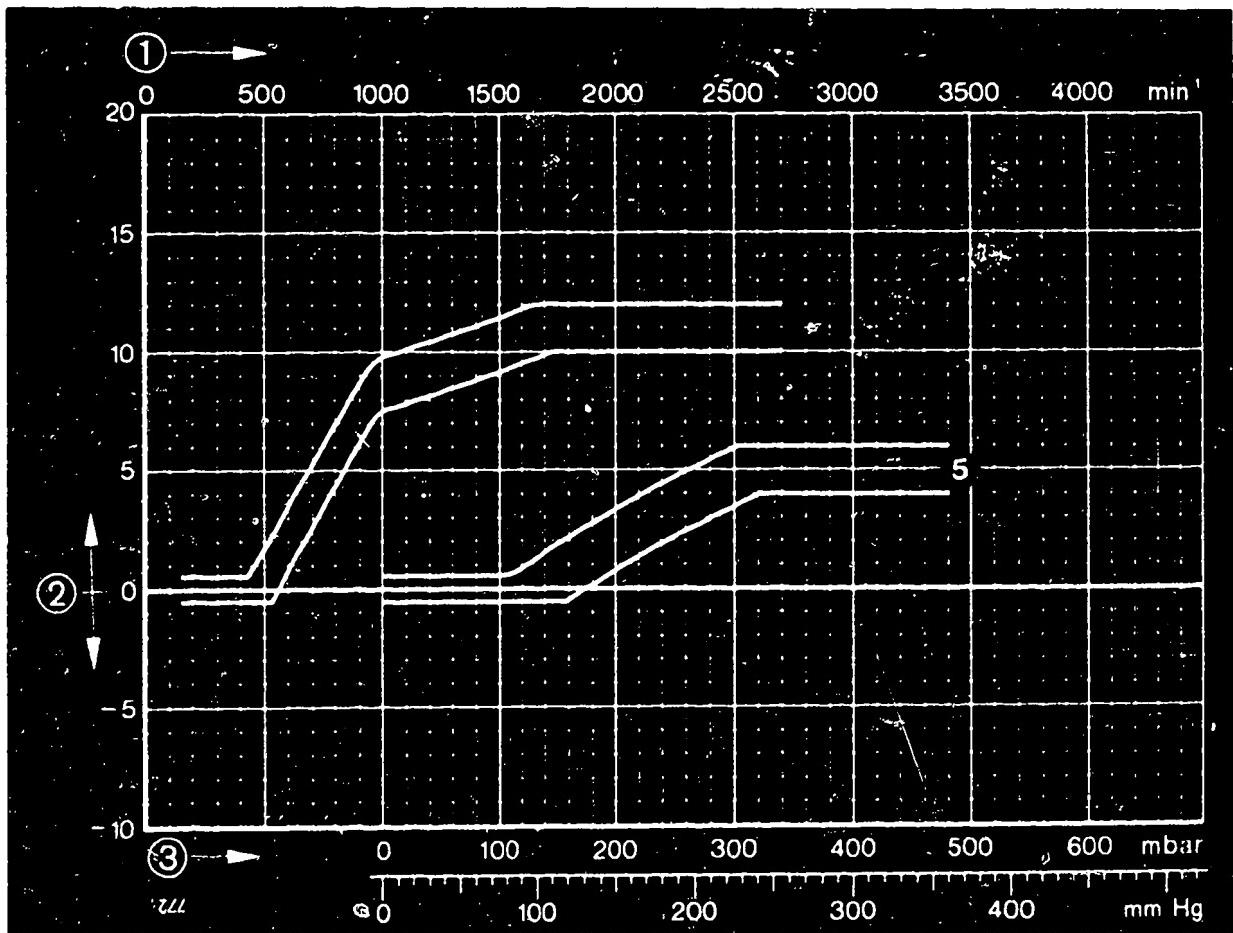
Test instructions: W-231/300

**C11**

Test specifications

Ignition distributors 0 231 ..





0 231 170 230

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment in ° distributor shaft
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

Min. contact gap:	0.40 mm
Dwell angle:	$50 \pm 3^\circ$
Contact pressure:	5.0...6.3 N
Margin for tolerance:	$\pm 0.5^\circ$ dist. shaft

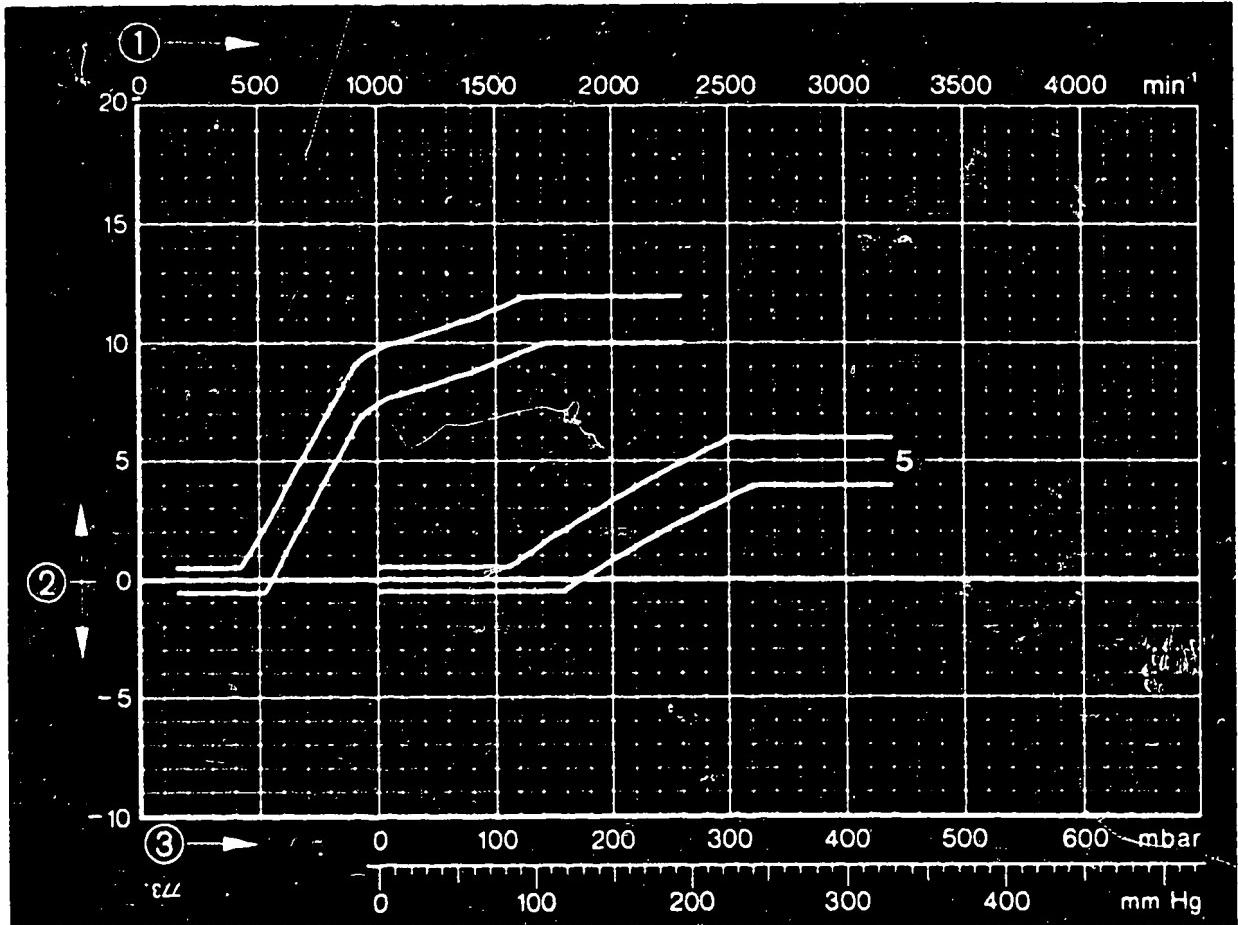
Test instructions: W-231/300

**C12**

Test specifications

Ignition distributors 0 231 ..





0 231 170 231

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment in ° distributor shaft
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

Min. contact gap:	0.40 mm
Dwell angle:	$50 \pm 3^\circ$
Contact pressure:	5.0...6.3 N
Margin for tolerance:	$\pm 0.5^\circ$ dist. shaft

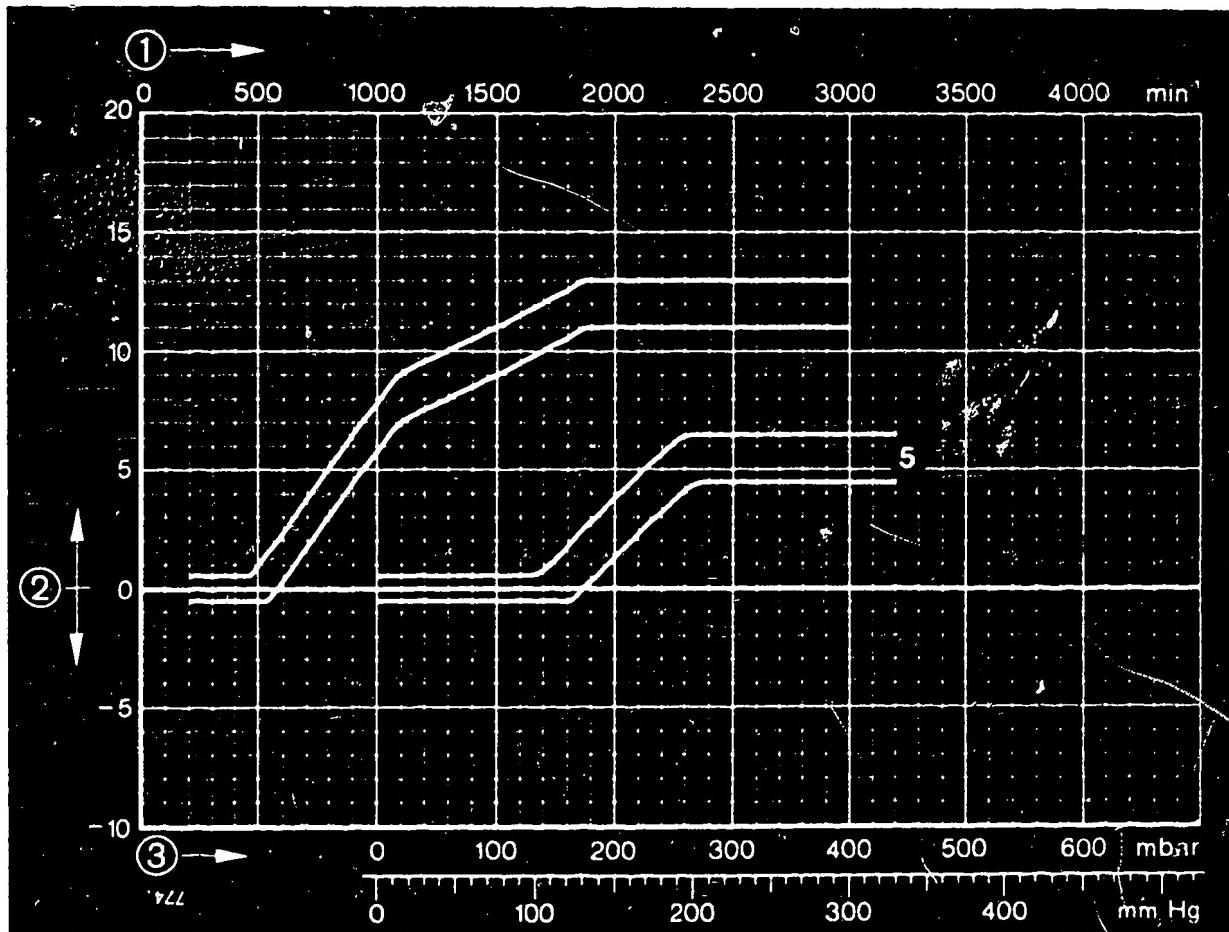
Test instructions: W-231/300

**C13**

Test specifications

Ignition distributors 0 231 ..





0 231 170 232/233

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment in ° distributor shaft
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

Min. contact gap: 0.40 mm

Dwell angle:  $50 \pm 3^\circ$

Contact pressure: 5.0...6.3 N

Margin for tolerance:  $\pm 0.5^\circ$  dist. shaft

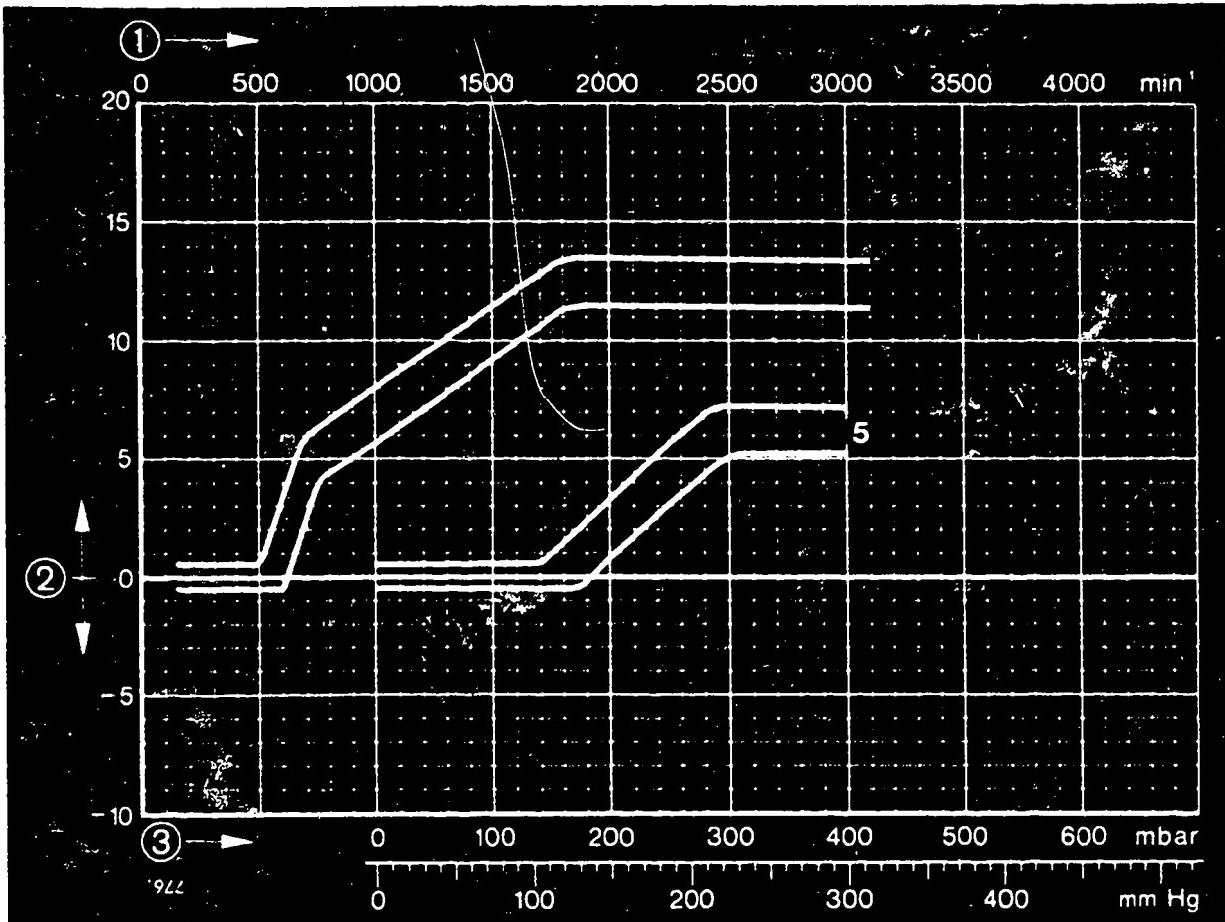
Test instructions: W-231/300

**C14**

Test specifications

Ignition distributors 0 231 ..





0 231 170 234

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment in ° distributor shaft
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

Min. contact gap: 0.35 mm

Dwell angle:  $50 \pm 3^\circ$

Contact pressure: 5.0...6.3 N

Margin for tolerance:  $\pm 0.5^\circ$  dist. shaft

Test instructions: W-231/300

Clamping flange: 1 685 700 129

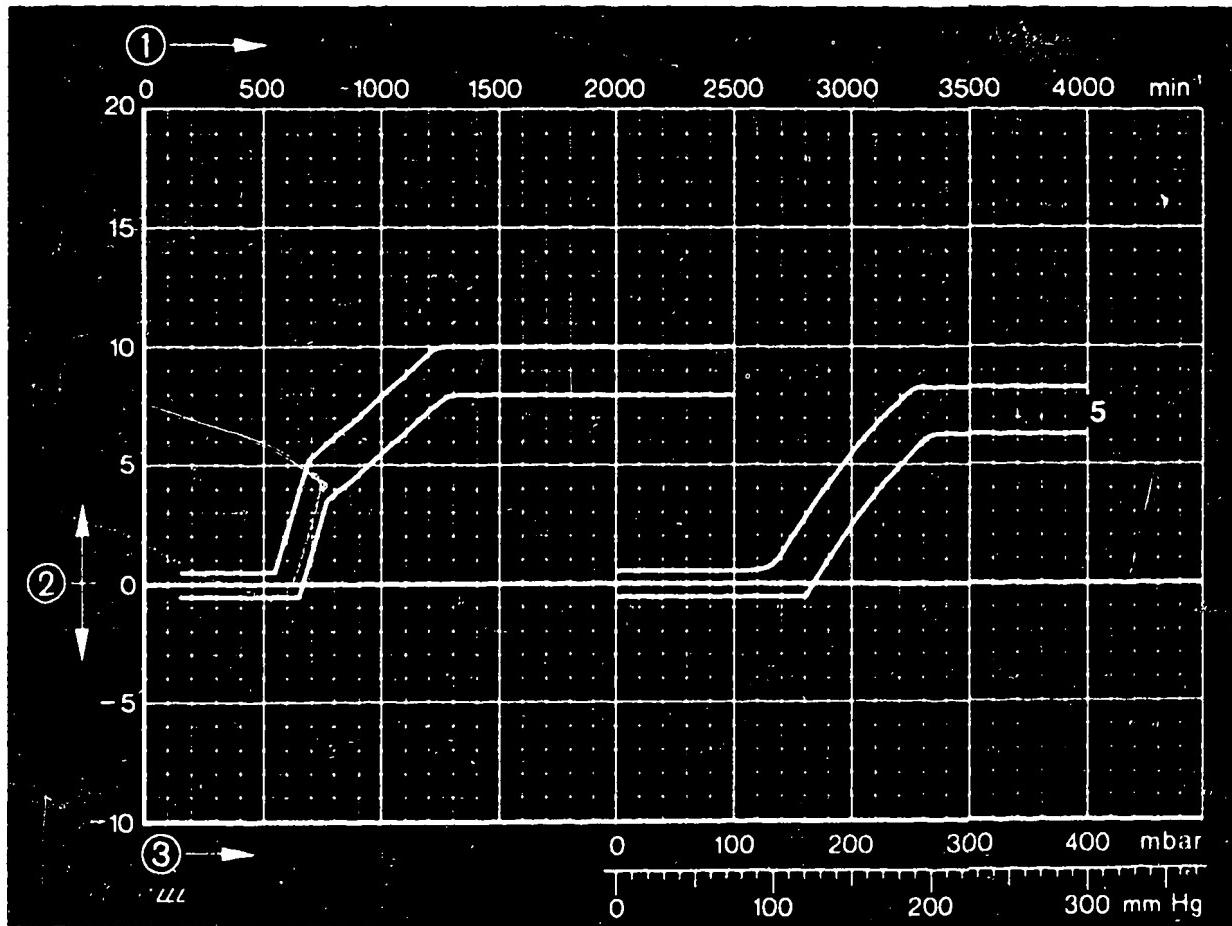
Driver: 1 686 400 004

**C15**

Test specifications

Ignition distributors 0 231 ..





0 231 170 235

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment in ° distributor shaft
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

Min. contact gap:	0.40 mm
Dwell angle:	$50 \pm 3^\circ$
Contact pressure:	5.0...6.3 N
Margin for tolerance:	$\pm 0.5^\circ$ dist. shaft

Test instructions: W-231/300

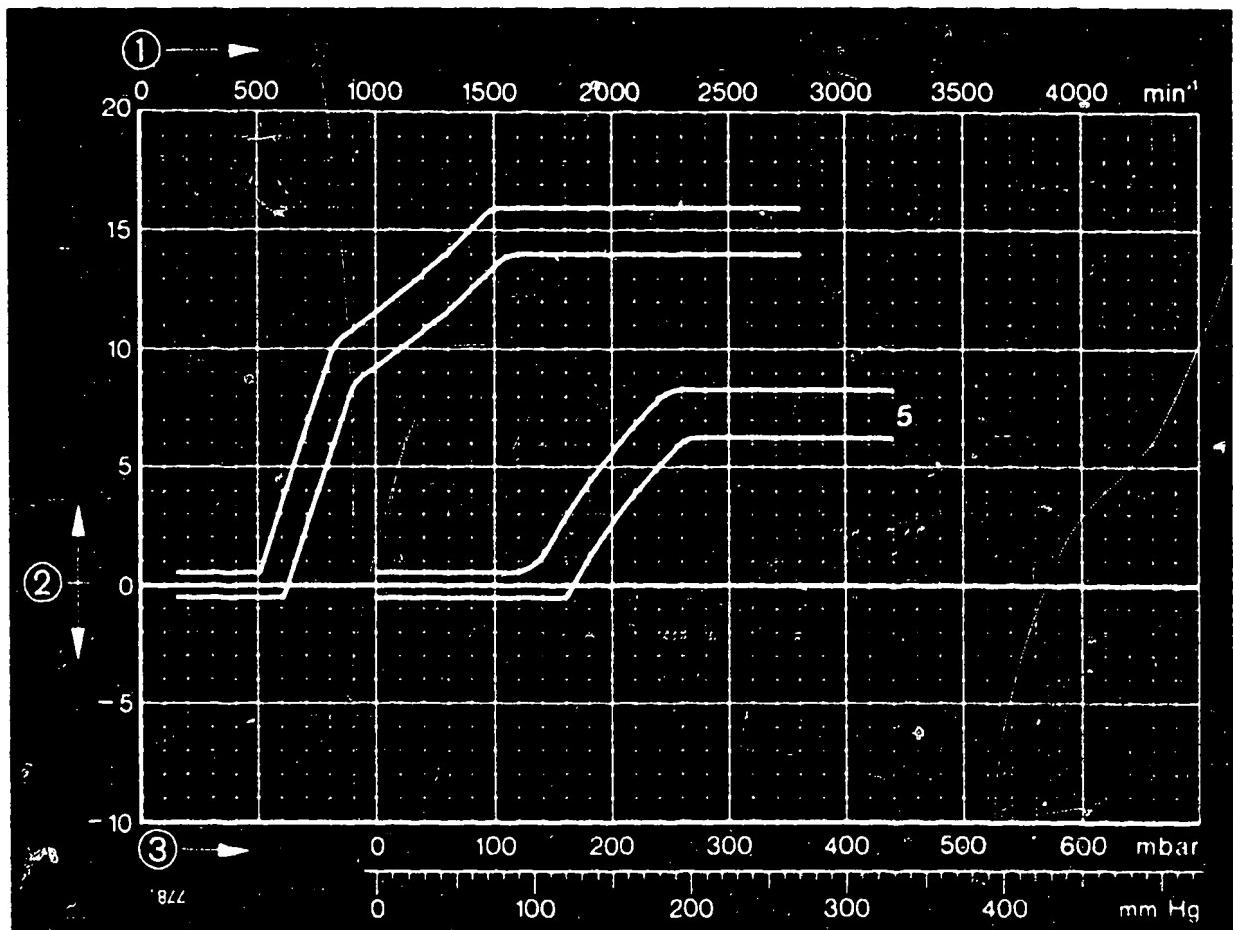
Clamping flange:	1 685 700 129
Driver:	1 686 400 004

**C16**

Test specifications

Ignition distributors 0 231 ..





0 231 170 236

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment in ° distributor shaft
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

Min. contact gap:	0.40 mm
Dwell angle:	$50 \pm 3^\circ$
Contact pressure:	5.0...6.3 N
Margin for tolerance:	$\pm 0.5^\circ$ dist. shaft

Test instructions: W-231/300

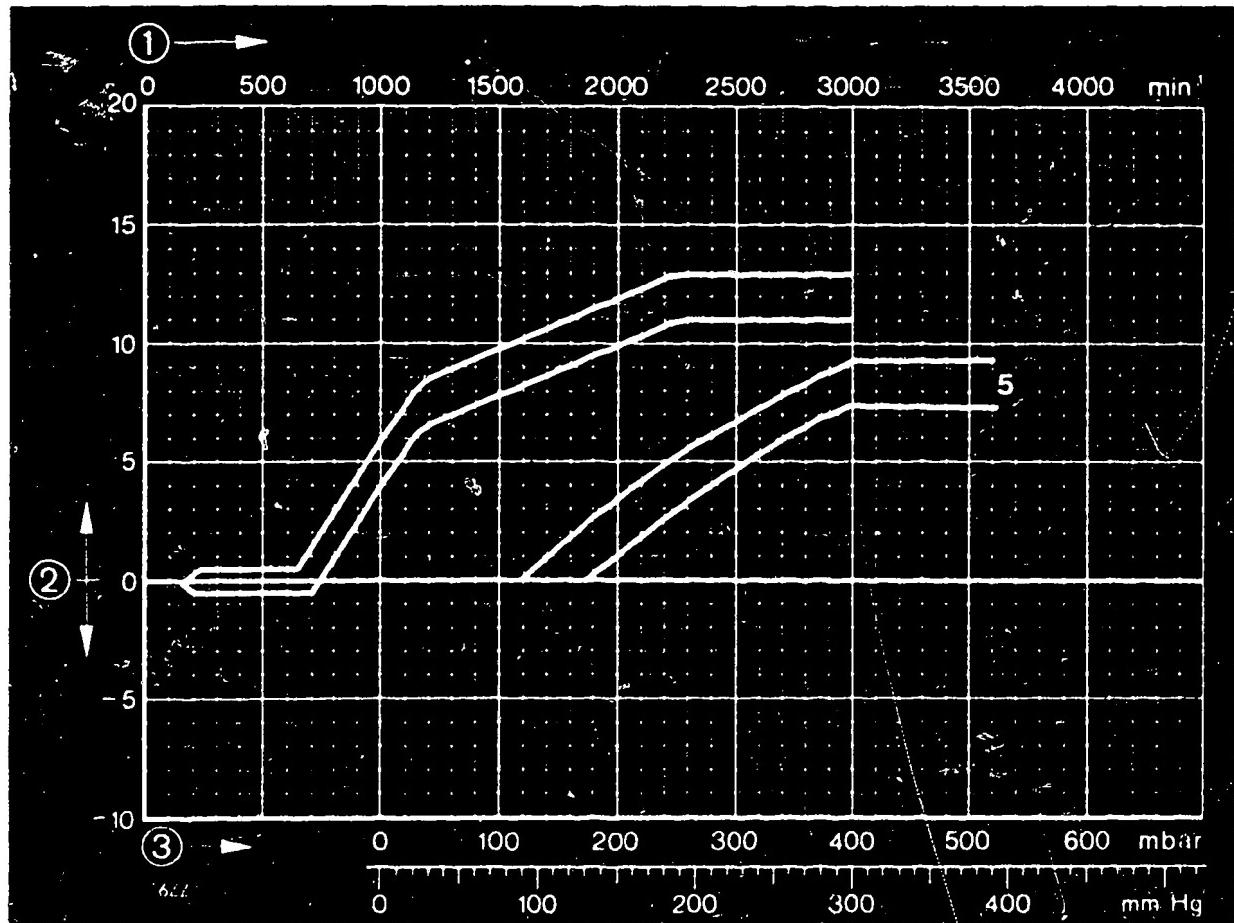
Clamping flange:	1 685 700 129
Driver:	1 686 400 004

**C17**

Test specifications

Ignition distributors 0 231 ..





0 231 170 237

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment in ° distributor shaft
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

Min. contact gap:	0.40 mm
Dwell angle:	50 $\pm$ 3°
Contact pressure:	5.0...6.3 N
Margin for tolerance:	$\pm$ 0.5° dist. shaft

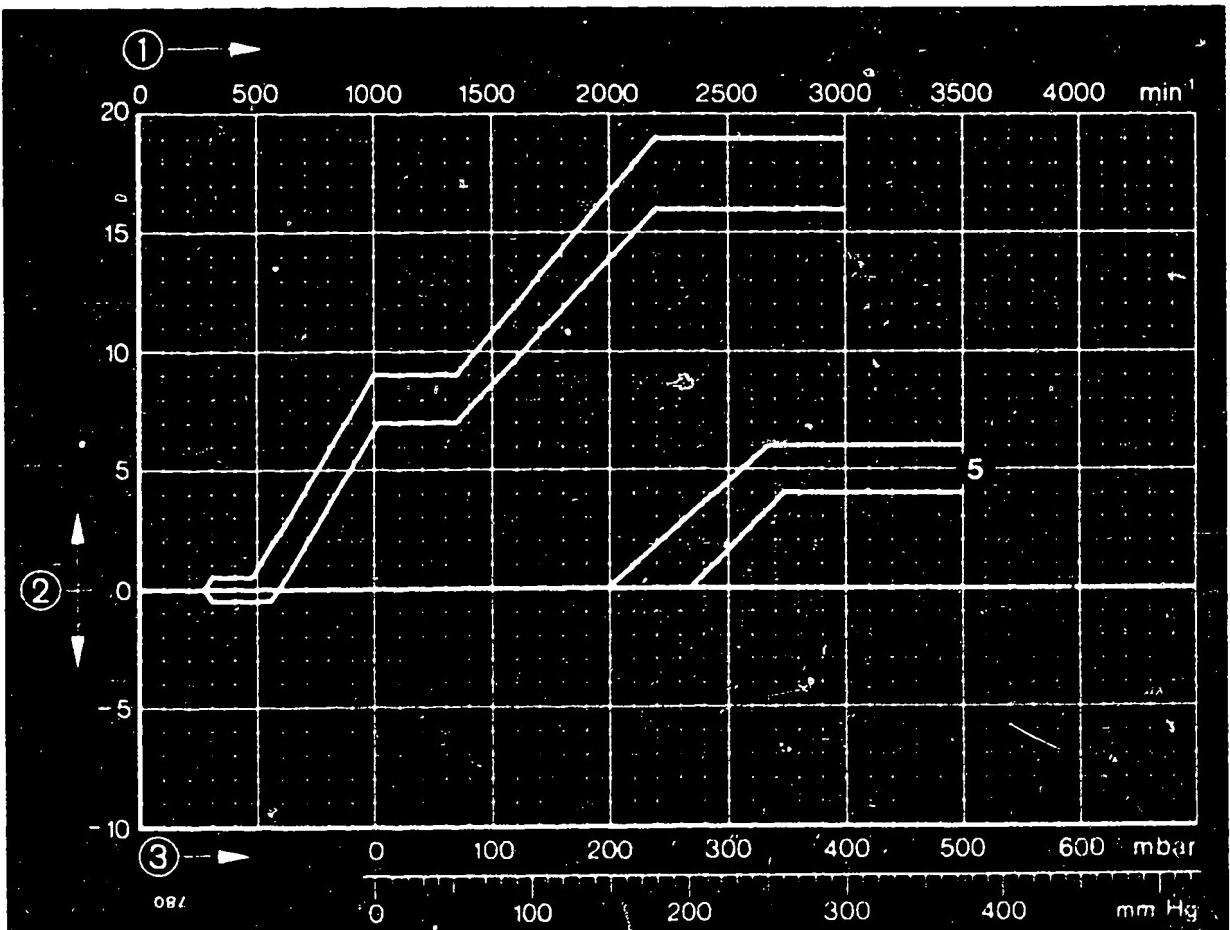
Test instructions: W-231/300

**C18**

Test specifications

Ignition distributors 0 231 ..





0 231 170 238

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment in ° distributor shaft
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

Min. contact gap:                    0.40 mm  
 Dwell angle:                          $50 \pm 3^\circ$   
 Contact pressure:                    5.0...6.3 N  
 Margin for tolerance:               $\pm 0.5^\circ$  dist. shaft

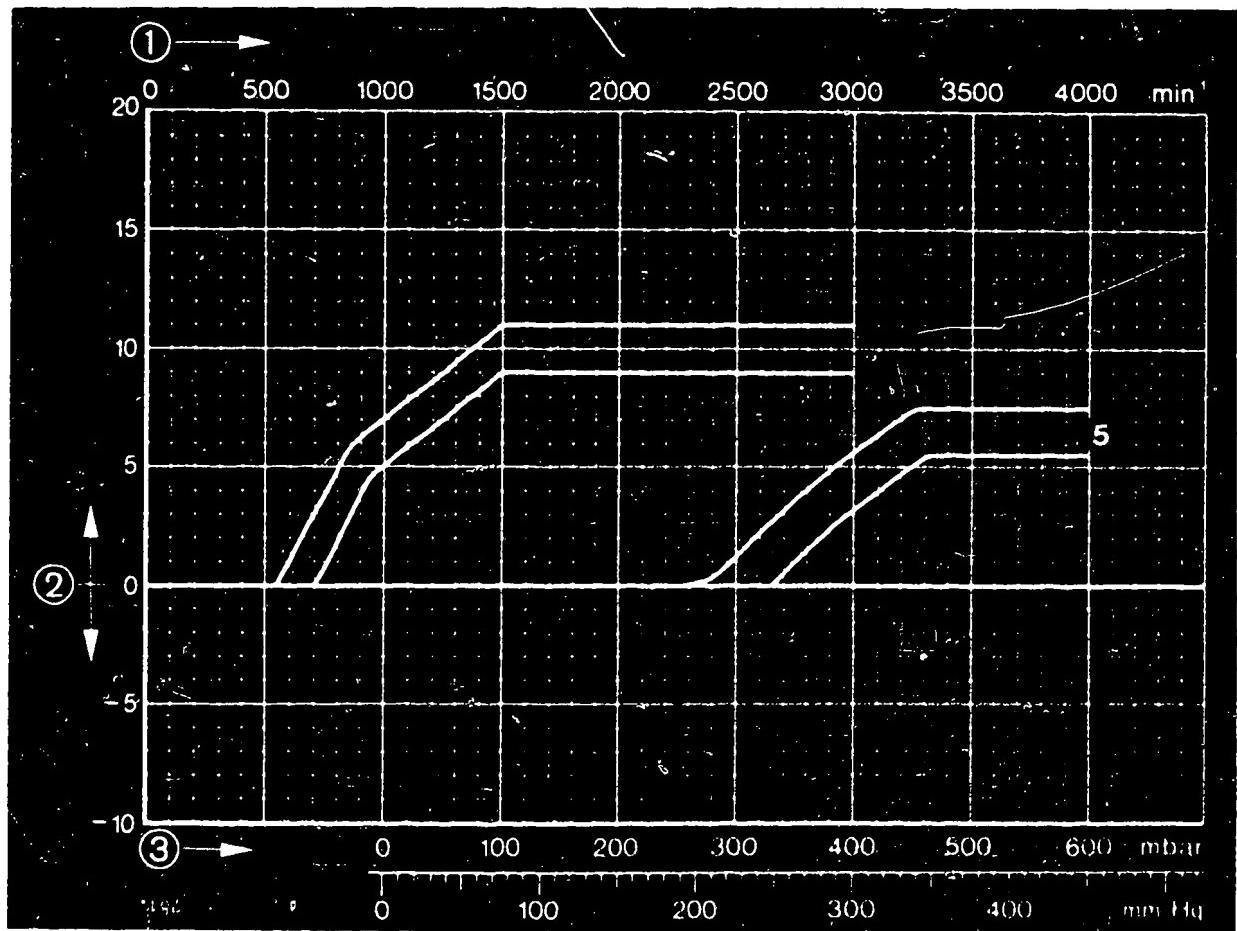
Test instructions:                    W-231/300

**C19**

Test specifications

Ignition distributors 0 231 ..





0 231 170 239

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment in ° distributor shaft
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

Min. contact gap:	0.45 mm
Dwell angle:	$47 \pm 3^\circ$
Contact pressure:	3.8...5.0 N
Margin for tolerance:	$\pm 0.5^\circ$ dist. shaft

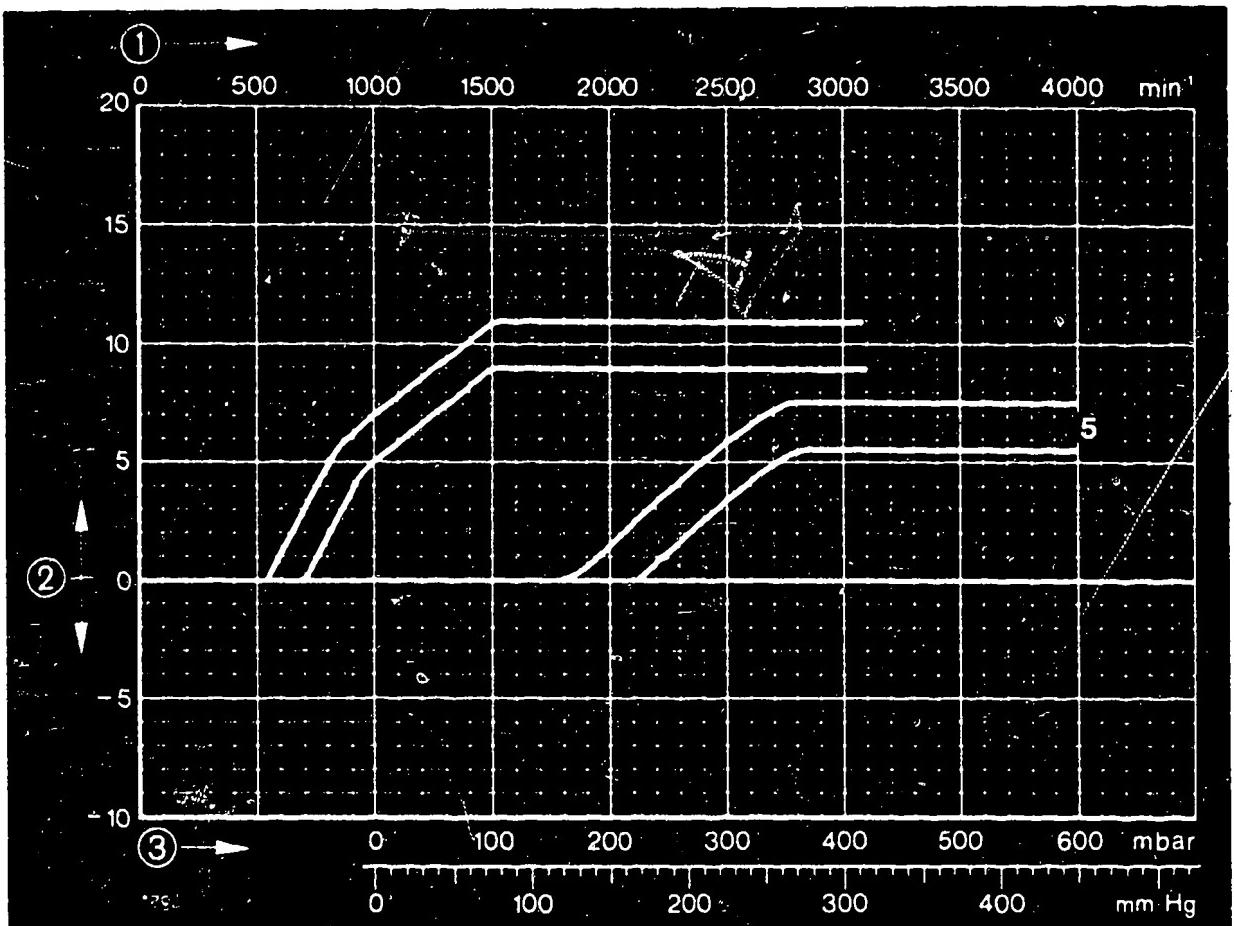
Test instructions: W-231/300

**C20**

Test specifications

Ignition distributors 0 231 ..





0 231 170 239

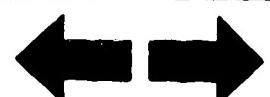
- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment in ° distributor shaft
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

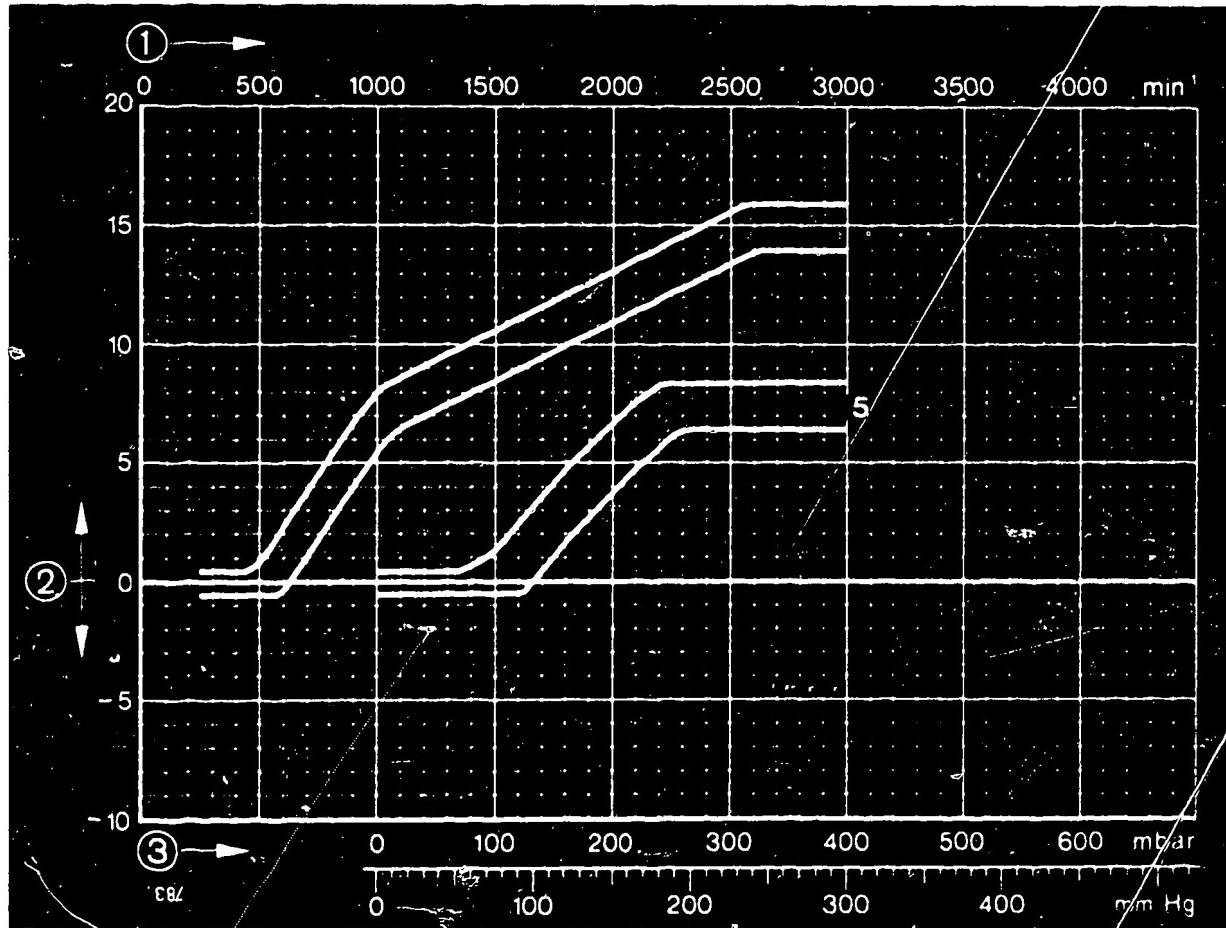
Min. contact gap:	0.45 mm
Dwell angle:	47 $\pm$ 3°
Contact pressure:	3.8...5.0 N
Margin for tolerance:	$\pm$ 0.5° dist. shaft
FD:	726 +
Test instructions:	W-231/300

**C21**

Test specifications

Ignition distributors 0 231 ..





0 231 170 241/242

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment in ° distributor shaft
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

Min. contact gap: 0.40 mm

Dwell angle:  $50 \pm 3^\circ$

Contact pressure: 5.0...6.3 N

Margin for tolerance:  $\pm 0.5^\circ$  dist. shaft

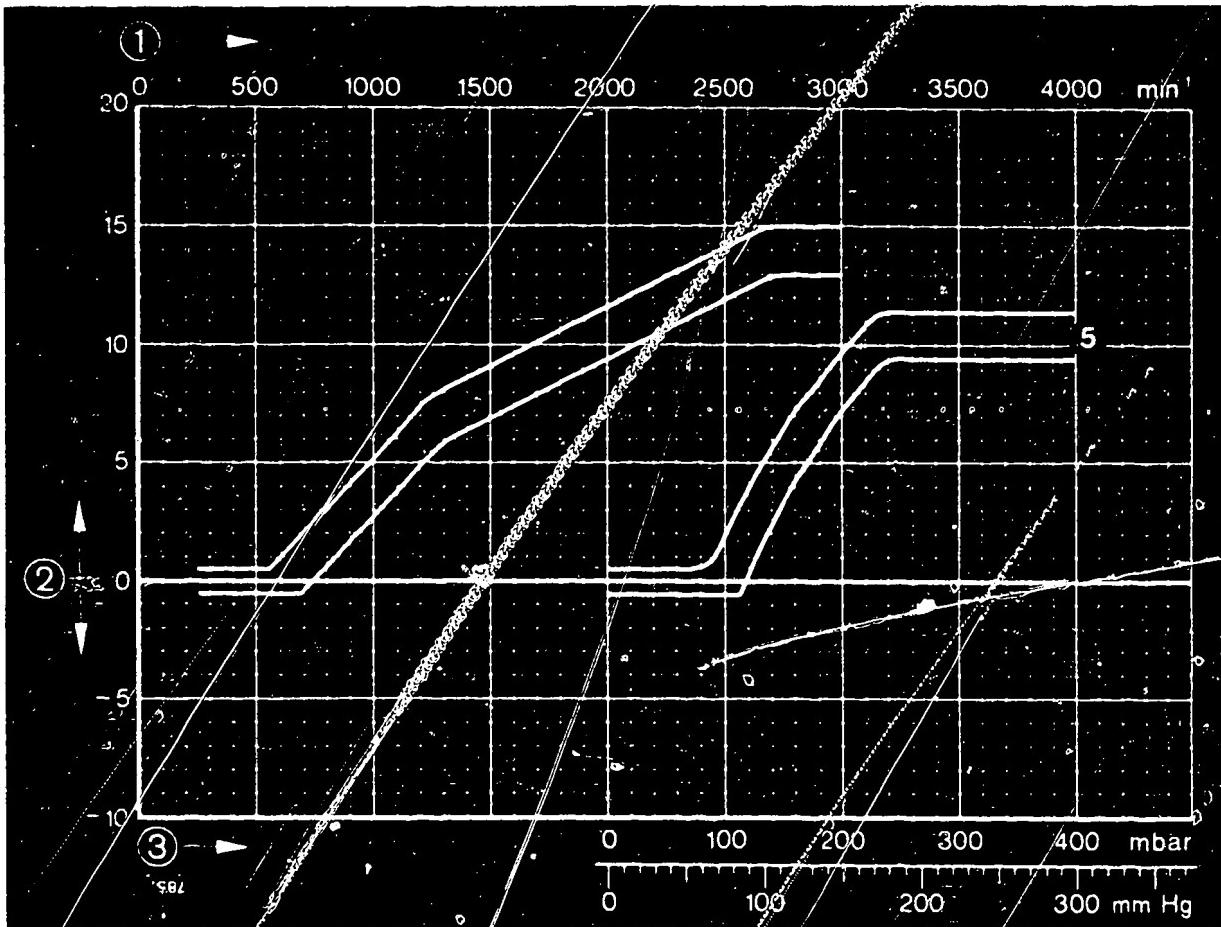
Test instructions: W-231/300

**C22**

Test specifications

Ignition distributors 0 231 ..





0 231 170 243/244

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

Min. contact gap:	0.40 mm
Dwell angle:	$50 \pm 3^\circ$
Contact pressure:	5.0...6.3 N
Margin for tolerance:	$\pm 0.5^\circ$ dist. shaft

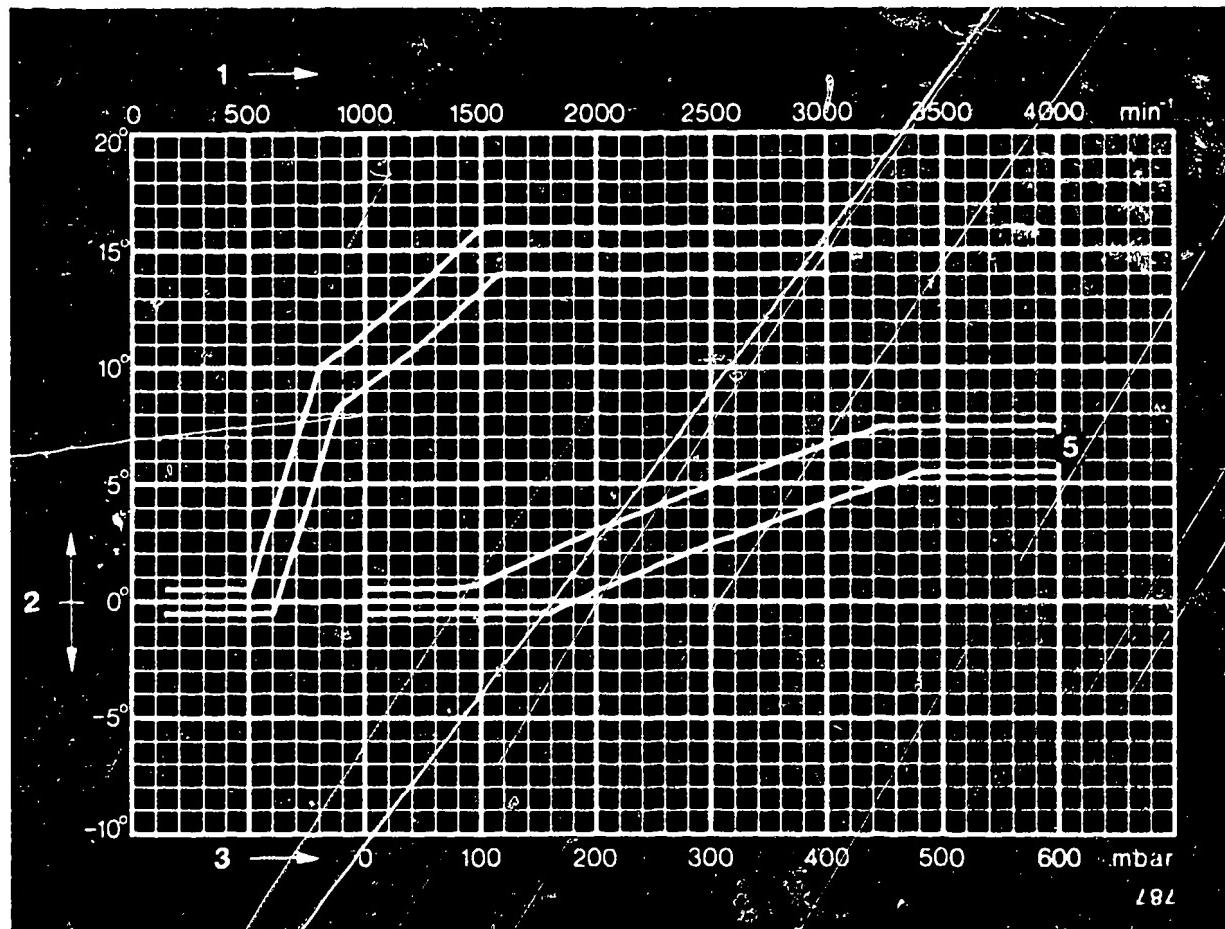
Test instructions: W-231/300

**C23**

Test specifications

Ignition distributors 0 231 ..





0 231 170 250

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

Min. contact gap:	0.40 mm
Dwell angle:	$50 \pm 3^\circ$
Contact pressure:	5.0...6.3 N
Margin for tolerance:	$\pm 0.5^\circ$ dist. shaft

Test instructions: W-231/300

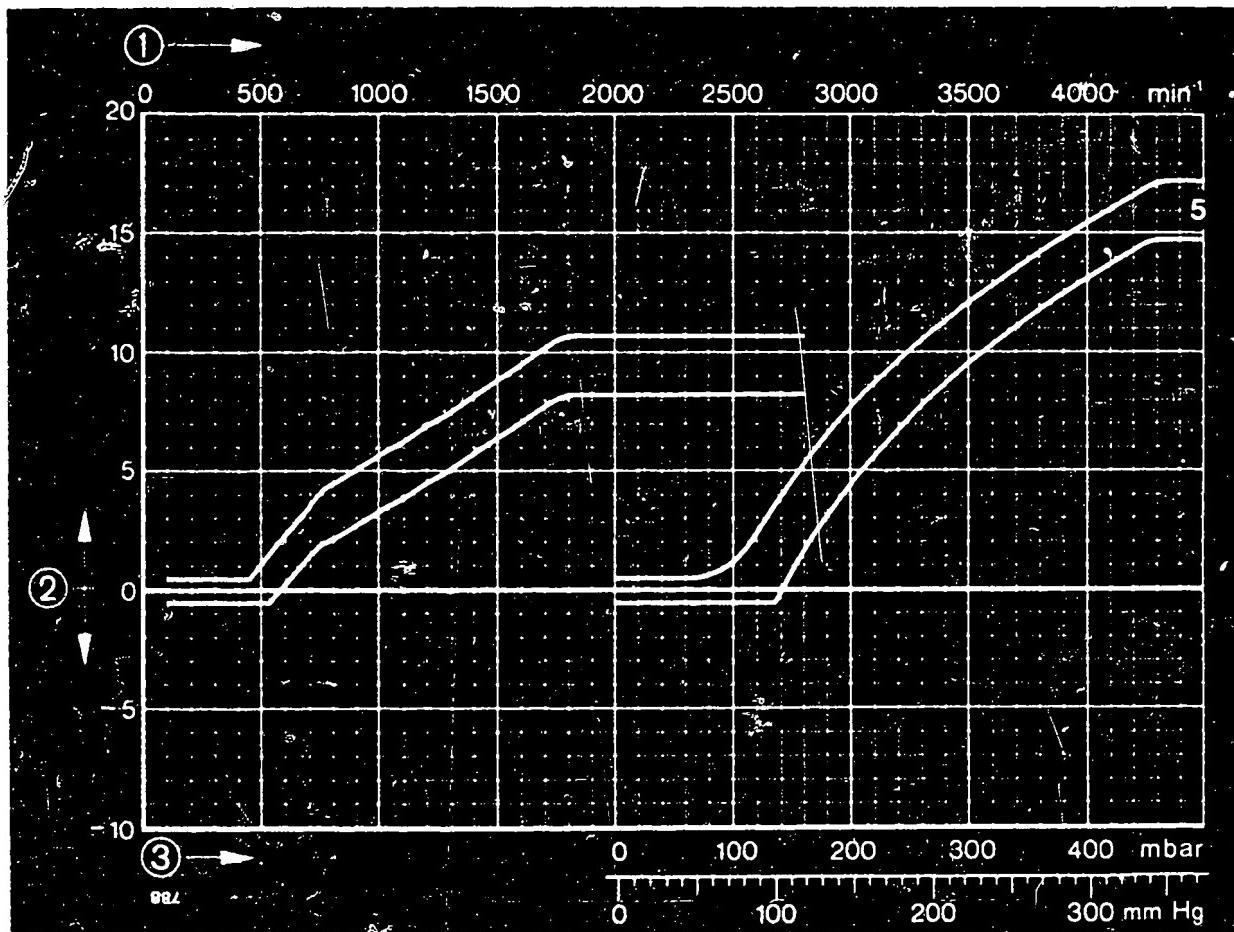
Clamping flange:	1 685 700 129
Driver:	1 686 400 004

**C24**

Test specifications

Ignition distributors 0 231 ..





0 231 170 252/253

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

Min. contact gap:	0.40 mm
Dwell angle:	$47 \pm 3^\circ$
Contact pressure:	3.8...5.0 N
Margin for tolerance:	$\pm 0.5^\circ$ dist. shaft

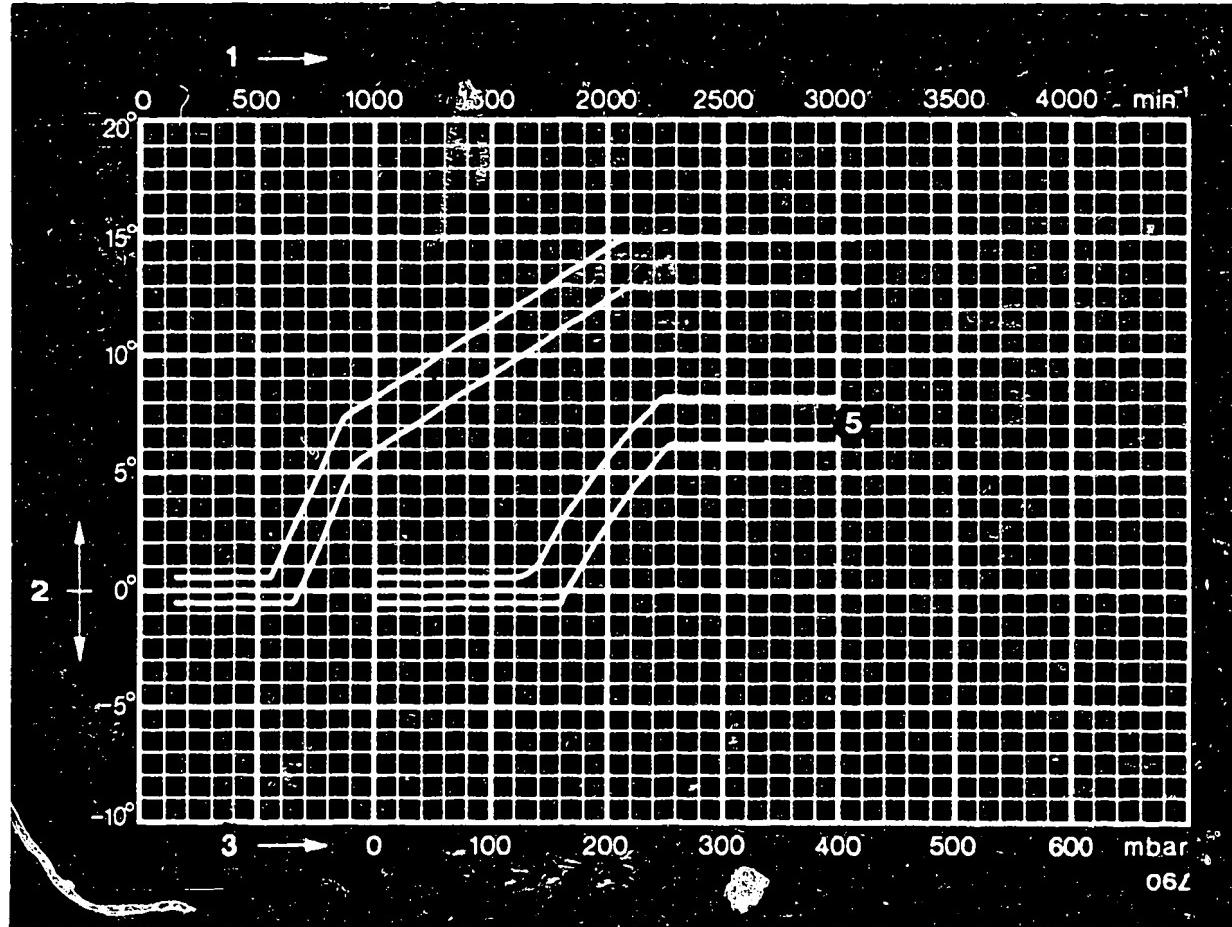
Test instructions: W-231/300

**D1**

Test specifications

Ignition distributors 0 231 ..





0 231 170 254

1 = Rotational speed, distributor shaft

2 = Distributor shaft adjustment

3 = Negative gauge pressure (vacuum)

5 = Negative gauge pressure (vacuum) advance

Min. contact gap: 0.40 mm

Dwell angle:  $50 \pm 3^\circ$

Contact pressure: 5.0...6.3 N

Margin for tolerance:  $\pm 0.5^\circ$  dist. shaft

Test instructions: W-231/300

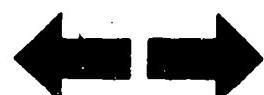
Clamping flange: 1 685 700 117

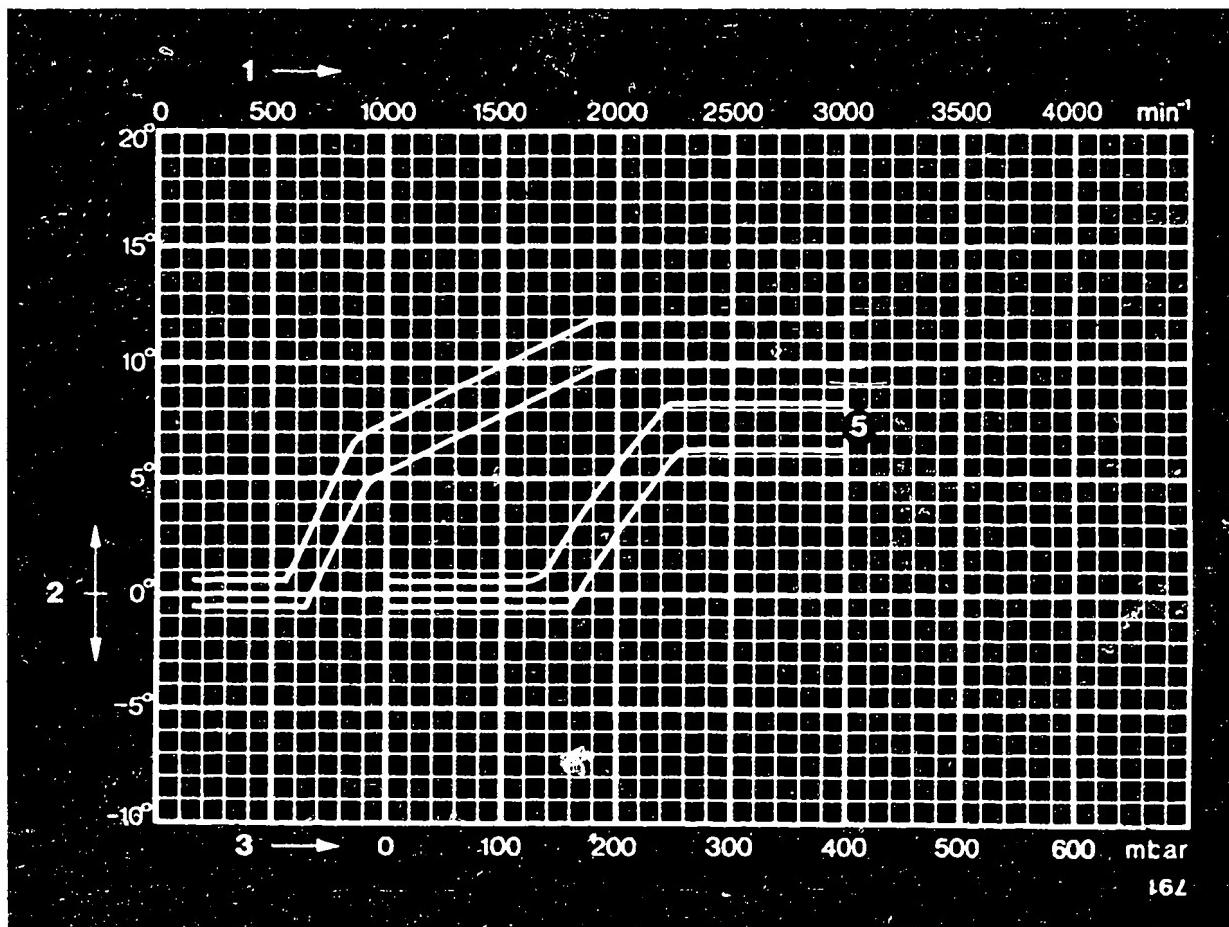
Driver: 1 686 400 007

**D2**

Test specifications

Ignition distributors 0 231 ..





0 231 170 255

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

Min. contact gap:	0.40 mm
Dwell angle:	$50 \pm 3^\circ$
Contact pressure:	5.0...6.3 N
Margin for tolerance:	$\pm 0.5^\circ$ dist. shaft

Test instructions: W-231/300

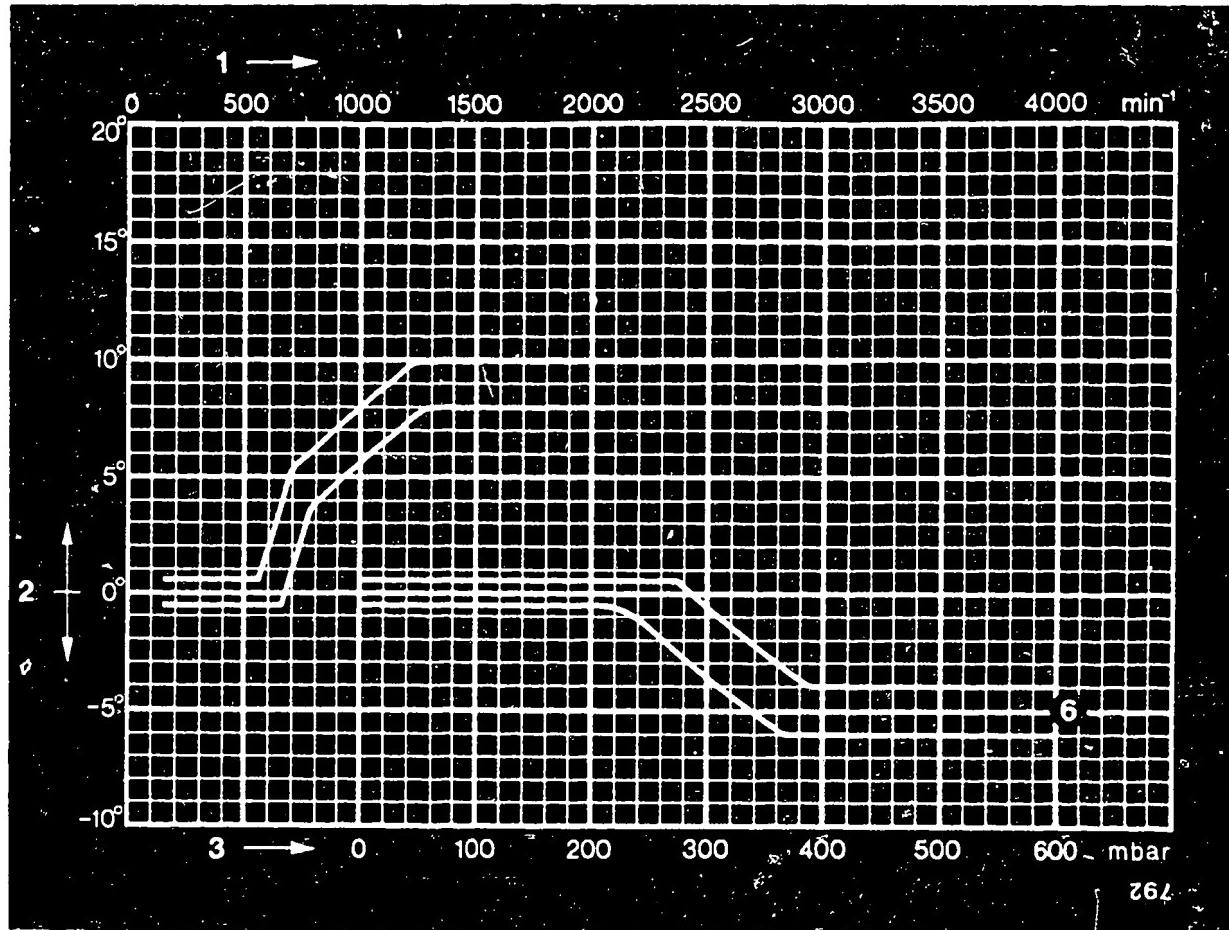
Clamping flange:	1 685 700 117
Driver:	1 686 400 007

**D3**

Test specifications

Ignition distributors 0 231 ..





0 231 170 256

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 6 = Negative gauge pressure (vacuum) retard

Min. contact gap:	0.40 mm
Dwell angle:	$50 \pm 3^\circ$
Contact pressure:	5.0...6.3 N
Margin for tolerance:	$\pm 0.5^\circ$ dist. shaft

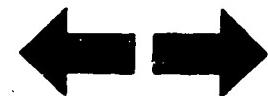
Test instructions: W-231/300

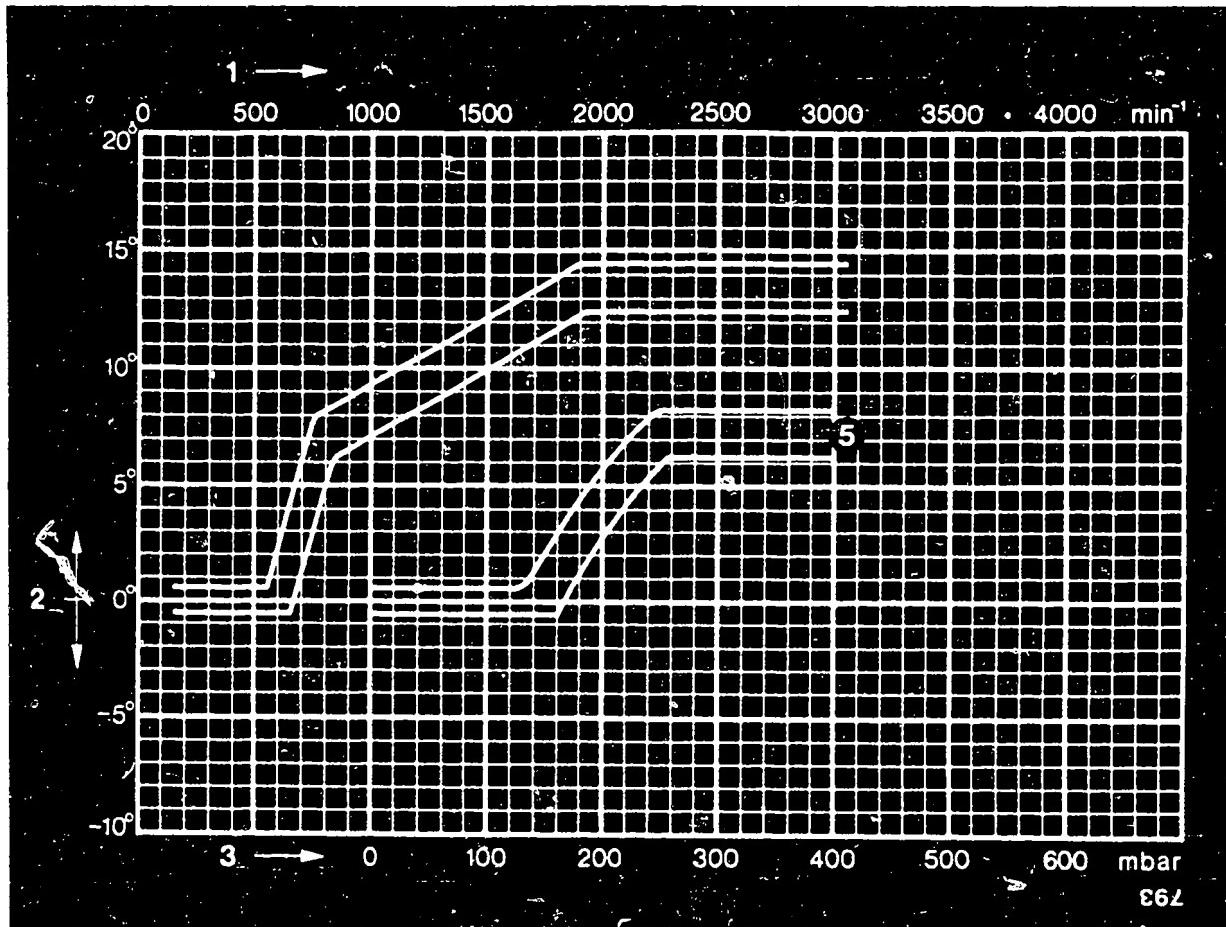
Clamping flange:	1 685 700 129
Driver:	1 686 400 004

**D4**

Test specifications

Ignition distributors 0 231 ..





0 231 170 261

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

Min. contact gap: 0.40 mm

Dwell angle:  $50 \pm 3^\circ$

Contact pressure: 5.0.-6.3 N

Margin for tolerance:  $\pm 0.5^\circ$  dist. shaft

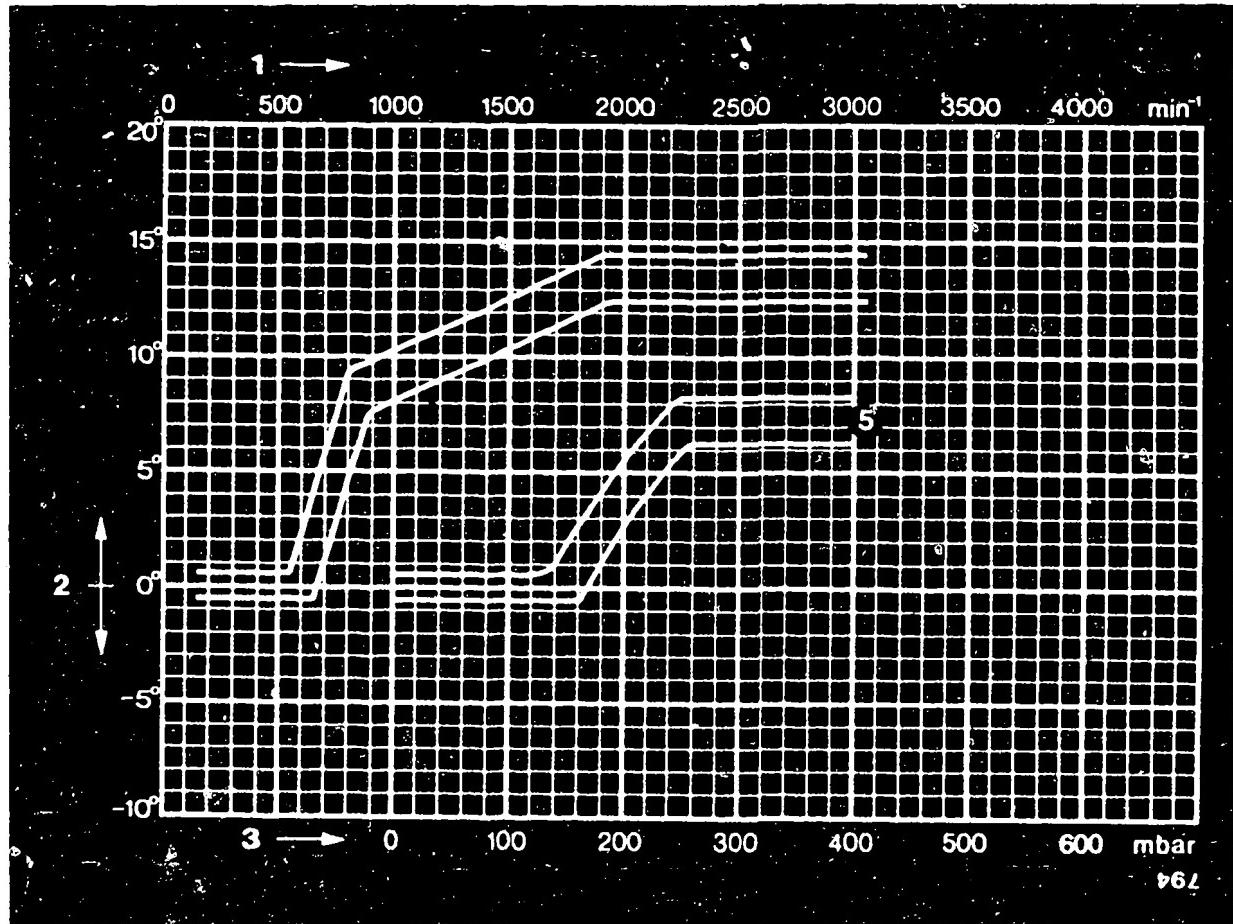
Test instructions: W-231/300

**D5**

Test specifications

Ignition distributors 0 231 ..





0 231 170 262

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

Min. contact gap:	0.40 mm
Dwell angle:	50 $\pm$ 3°
Contact pressure:	5.0...6.3 N
Margin for tolerance:	$\pm$ 0.5° dist. shaft

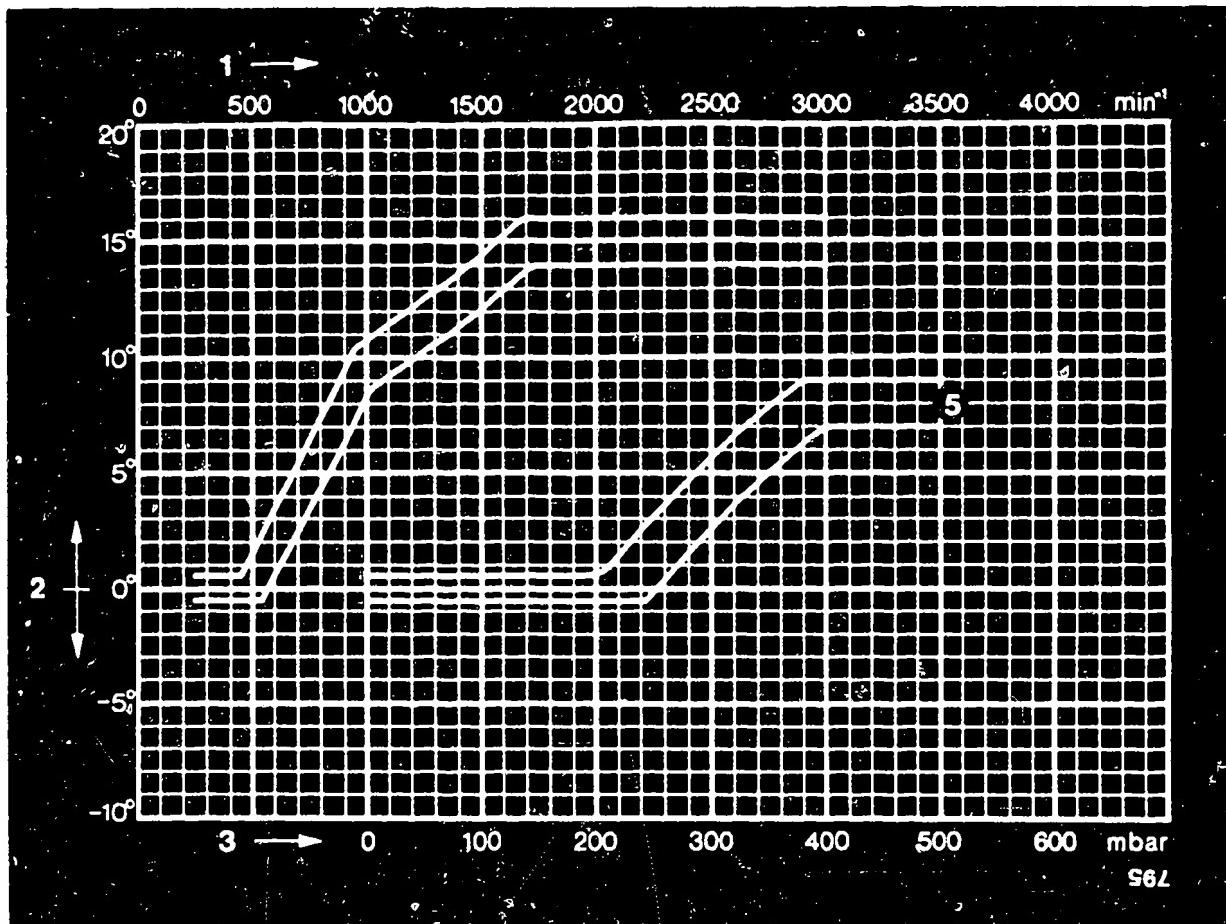
Test instructions: W-231/300

**D6**

Test specifications

Ignition distributors 0 231 ..





0 231 170 267

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

Min. contact gap: 0.35 mm  
 Dwell angle: 50  $\pm$  3°  
 Contact pressure: 6.5...8.0 N  
 Margin for tolerance:  $\pm$  0.5° dist. shaft

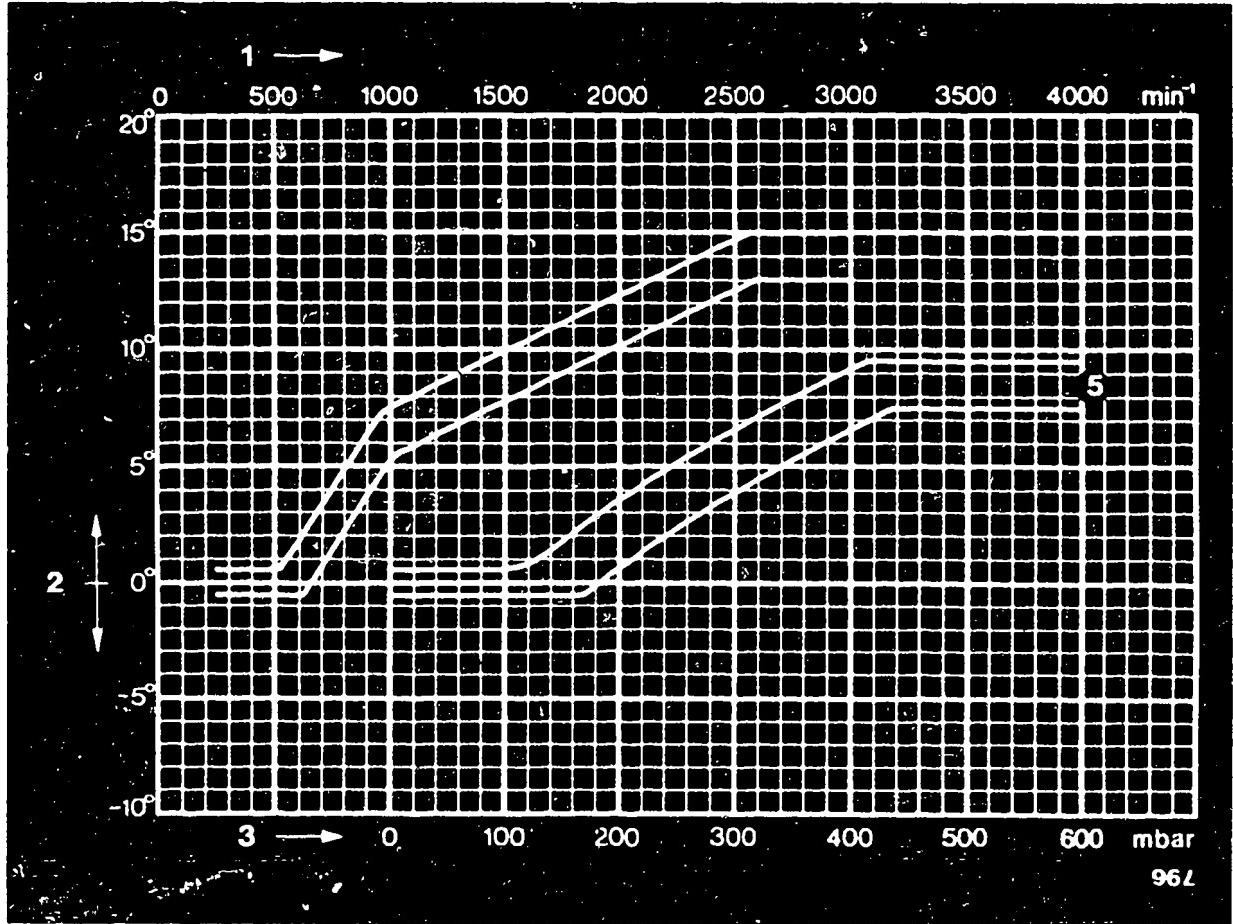
Test instructions: W-231/300

**D7**

Test specifications

Ignition distributors 0 231 ..





0 231 170 268/269

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

Min. contact gap: 0.35 mm

Dwell angle:  $50 \pm 3^\circ$

Contact pressure: 5.0...6.3 N

Margin for tolerance:  $\pm 0.5^\circ$  dist. shaft

Test instructions: W-231/300

Clamping flange: 1 685 700 133

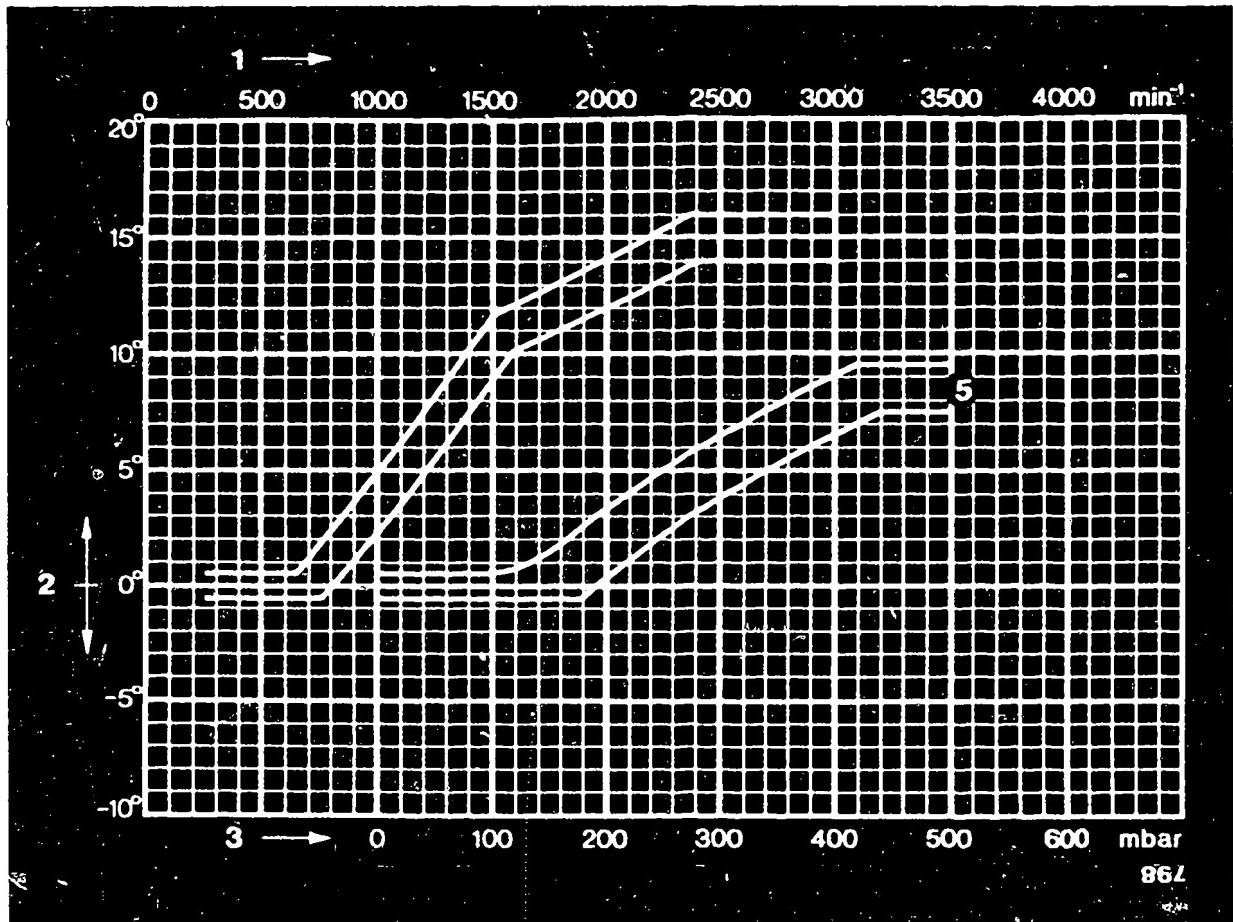
Driver: 1 686 400 003

**D8**

Test specifications

Ignition distributors 0 231 ..





0 231 170 270/271

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

Min. contact gap:	0.35 mm
Dwell angle:	$50 \pm 3^\circ$
Contact pressure:	5.0...6.3 N
Margin for tolerance:	$\pm 0.5^\circ$ dist. shaft

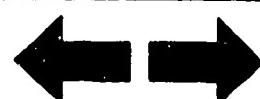
Test instructions: W-231/300

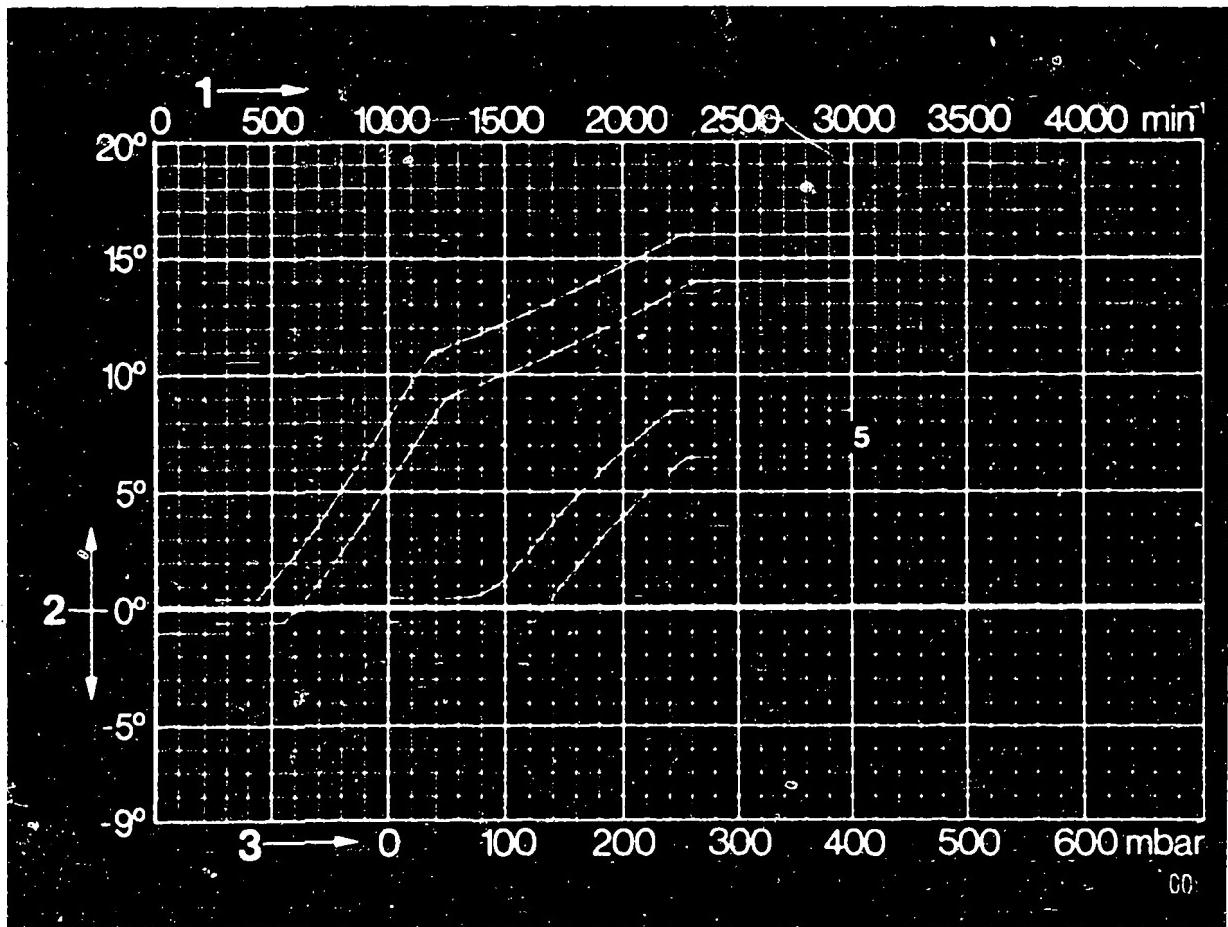
Clamping flange:	1 685 700 133
Driver:	1 686 400 003

**D9**

Test specifications

Ignition distributors 0 231 ..





0 231 170 272

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

Min. contact gap:	0.35 mm
Dwell angle:	$50 \pm 3^\circ$
Contact pressure:	5.0...6.3 N
Margin for tolerance:	$\pm 0.5^\circ$ dist. shaft

Test instructions: W-231/300

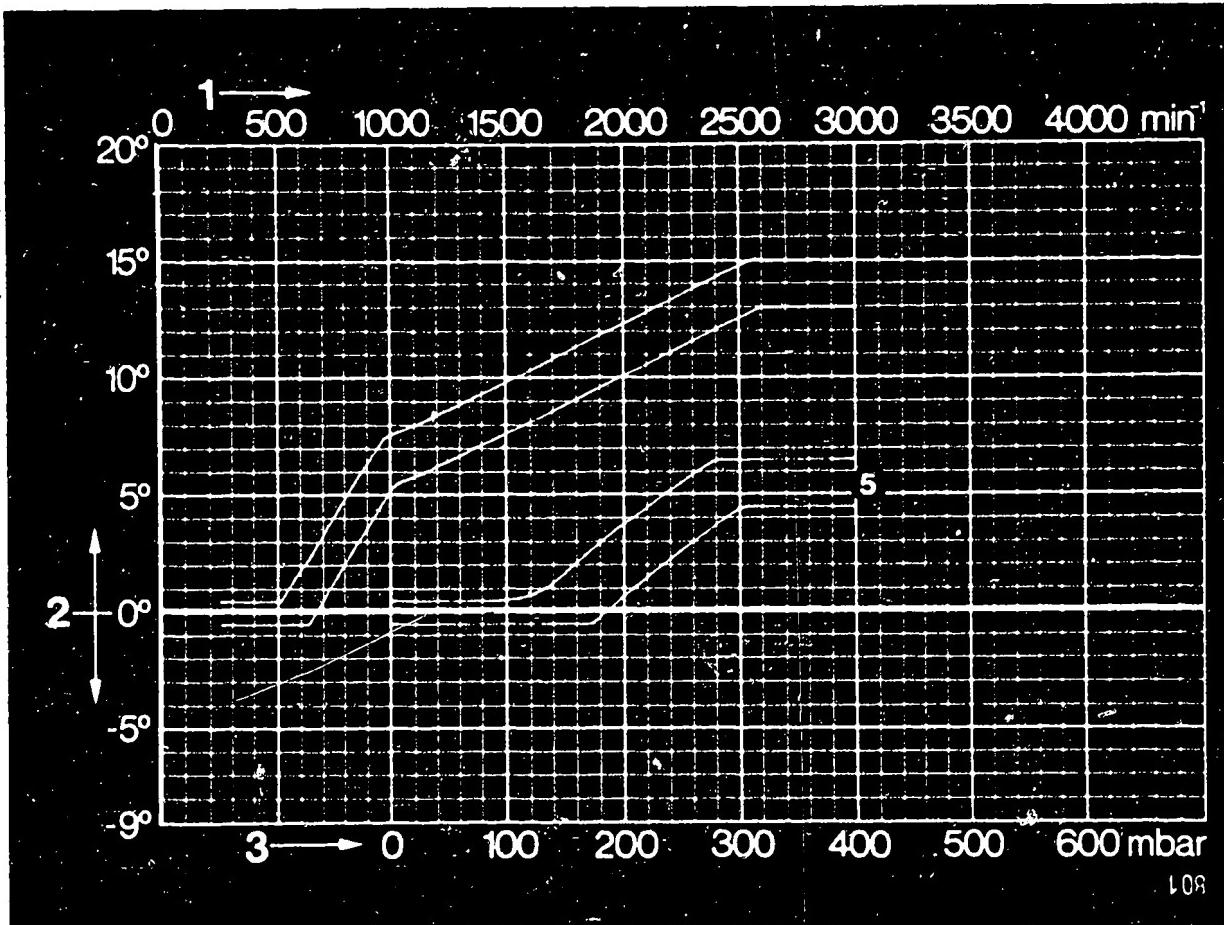
Clamping flange:	1 685 700 133
Driver:	1 686 400 003

**D10**

Test specifications

Ignition distributors 0 231 ..





0 231 170 278

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

Min. contact gap: 0.35 mm  
 Dwell angle:  $50 \pm 3^{\circ}$   
 Contact pressure: 5,0...6,3 N  
 Margin for tolerance:  $\pm 0.5^{\circ}$  dist. shaft

Test instructions: W-231/300

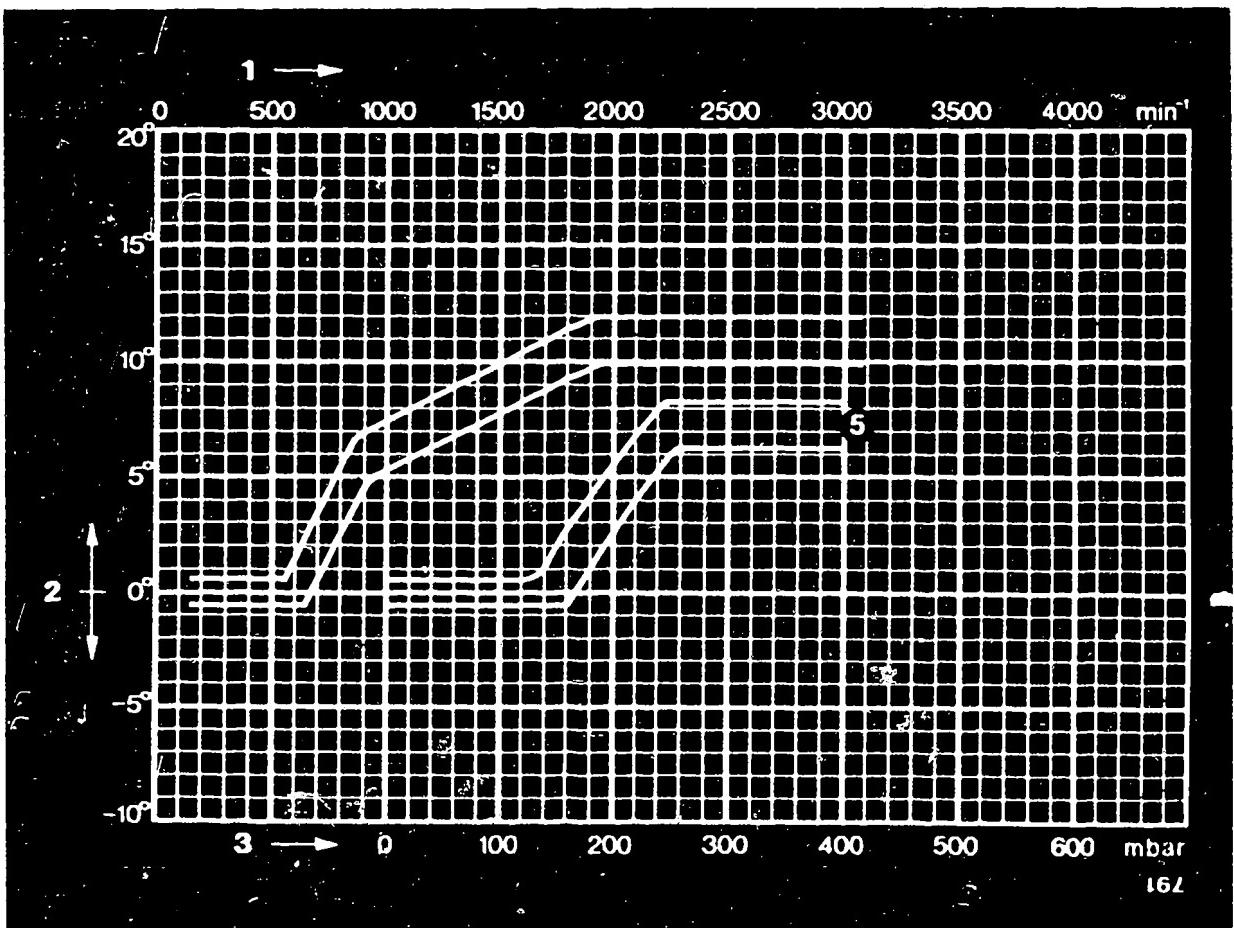
Clamping flange: 1 685 700 133  
 Driver: 1 686 400 003

**D 11**

Test specifications

Ignition distributors 0 231 ..





0 231 170 286

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

Min. contact gap:	0.40 mm
Dwell angle:	$50 \pm 3^\circ$
Contact pressure:	5.0...6.3 N
Margin for tolerance:	$\pm 0.5^\circ$ dist. shaft

Test instructions:	W-231/300
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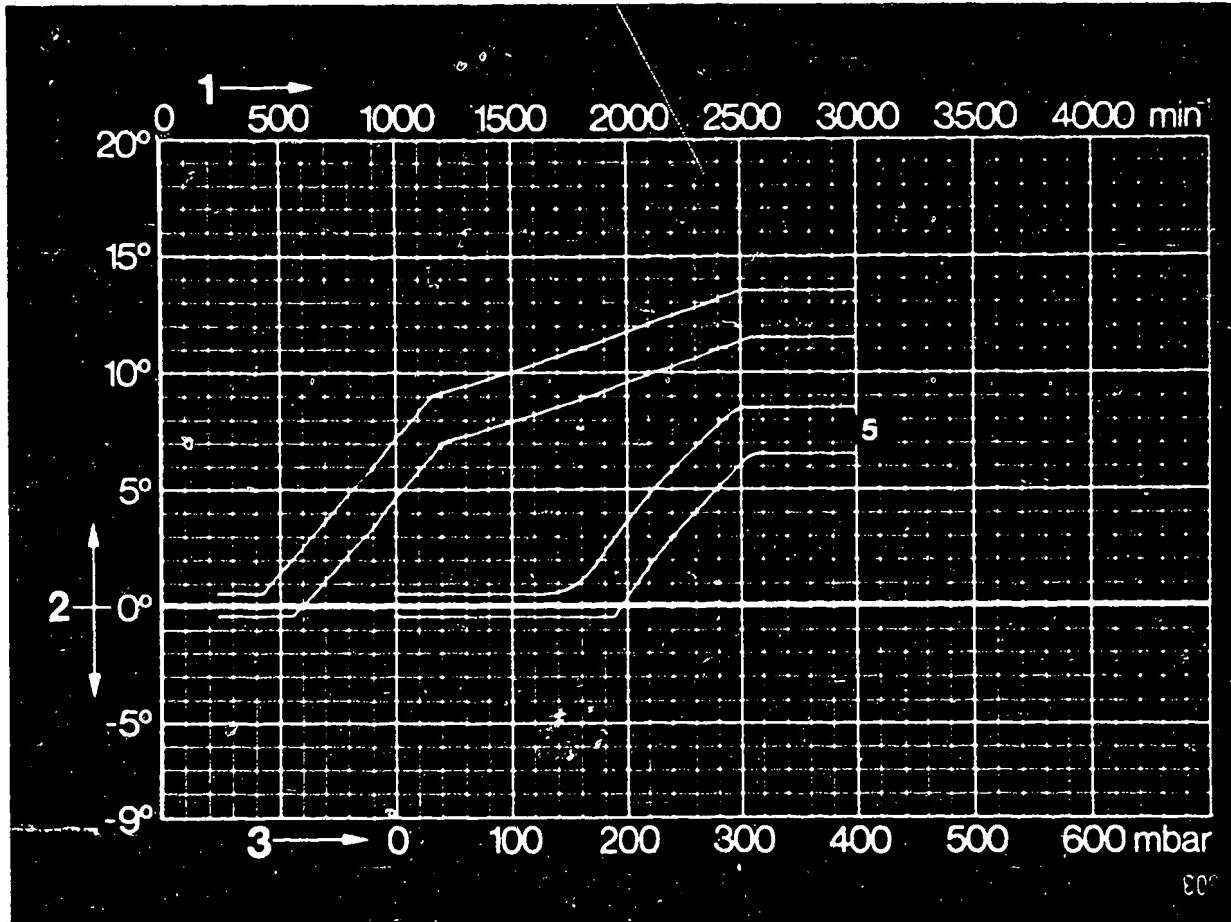
Clamping flange:	1 685 700 117
Driver:	1 686 400 007

**D 12**

Test specifications

Ignition distributors 0 231 ..





0 231 170 287

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

Min. contact gap:	0.35 mm
Dwell angle:	$62 \pm 3^\circ$
Contact pressure:	6.5...8.0 N
Margin for tolerance:	$\pm 0.5^\circ$ dist. shaft

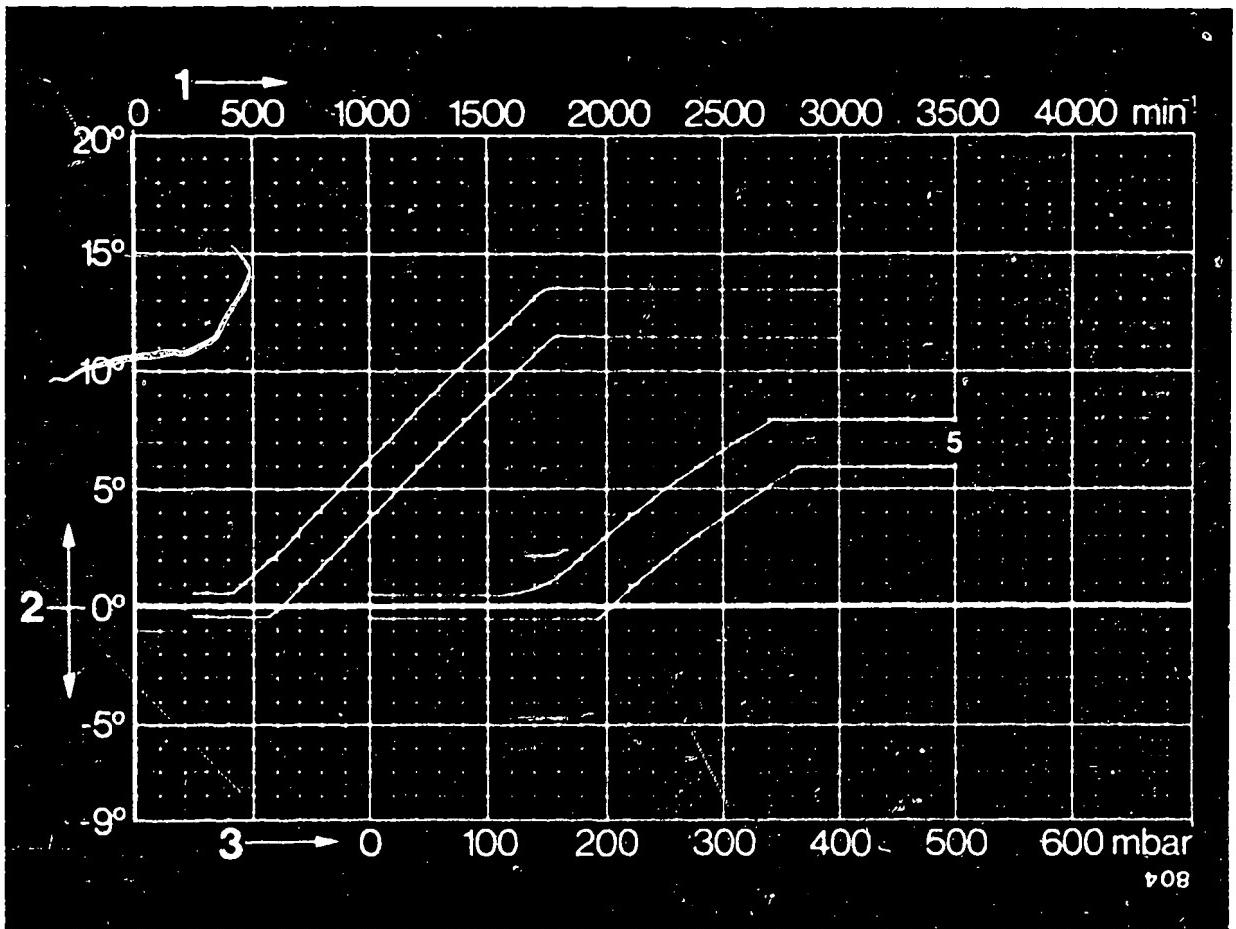
Test instructions: W-231/300

**D 13**

Test specifications

Ignition distributors 0 231 ..





0 231 170 294

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

Min. contact gap: 0.40 mm

Dwell angle:  $50 \pm 3^\circ$

Contact pressure: 5,0...6.3 N

Margin for tolerance:  $\pm 0.5^\circ$  dist. shaft

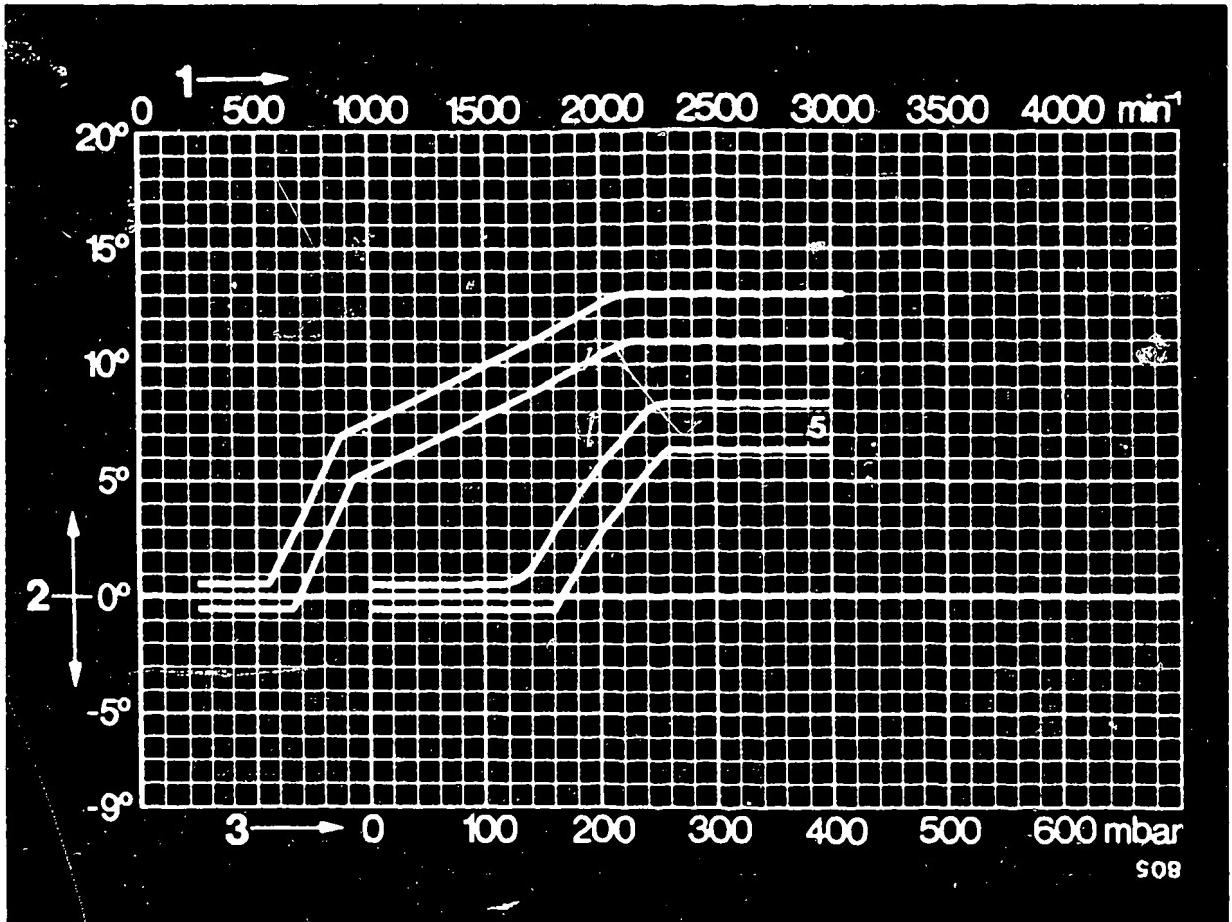
Test instructions: W-231/300

**D14**

Test specifications

Ignition distributors 0 231 ..





0 231 170 295

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

Min. contact gap:	0.40 mm
Dwell angle:	$50 \pm 3^\circ$
Contact pressure:	5.0...6.3 N
Margin for tolerance:	$\pm 0.5^\circ$ dist. shaft

Test instructions: W-231/300

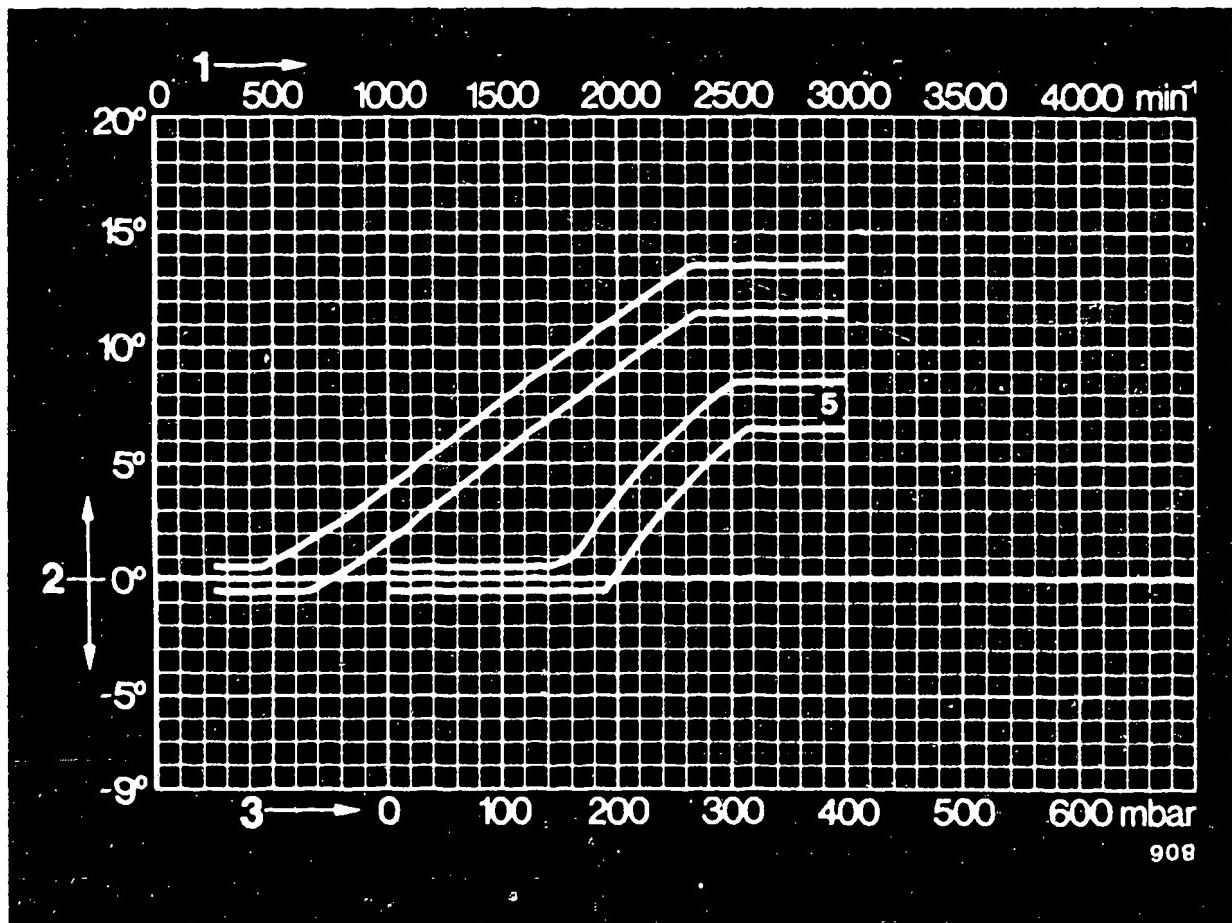
Clamping flange:	1 685 700 117
Driver:	1 686 400 007

**D 15**

Test specifications

Ignition distributors 0 231 ..





0 231 170 296

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

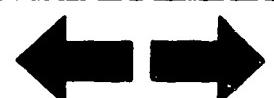
Min. contact gap: 0.35 mm  
 Dwell angle:  $62 \pm 3^\circ$   
 Contact pressure: 5.0...6.3 N  
 Margin for tolerance:  $\pm 0.5^\circ$  dist. shaft

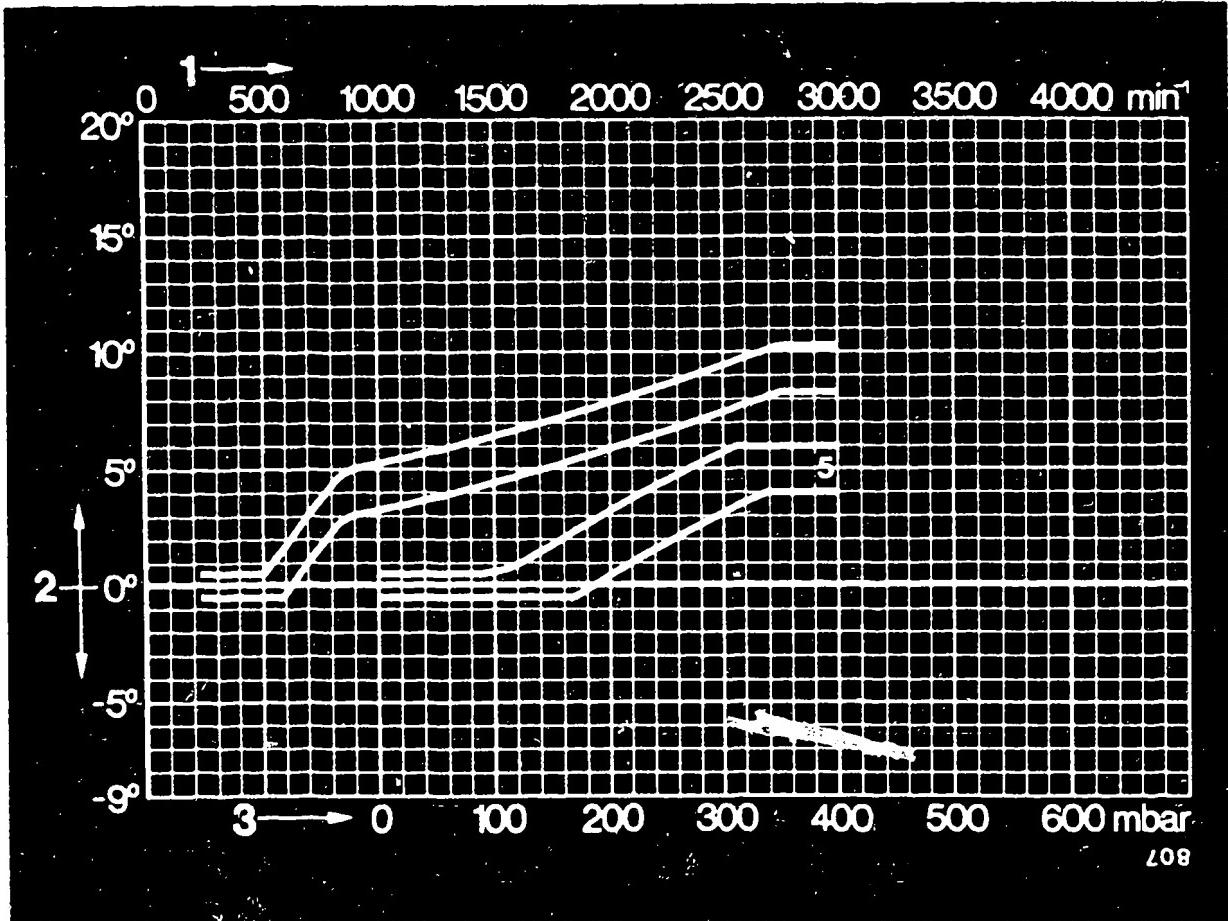
Test instructions: W-231/300

D 16

Test specifications

Ignition distributors 0 231 ..





0 231 170 297

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

Min. contact gap: 0.35 mm

Dwell angle:  $50 \pm 3^\circ$

Contact pressure: 5.0...6.3 N

Margin for tolerance:  $\pm 0.5^\circ$  dist. shaft

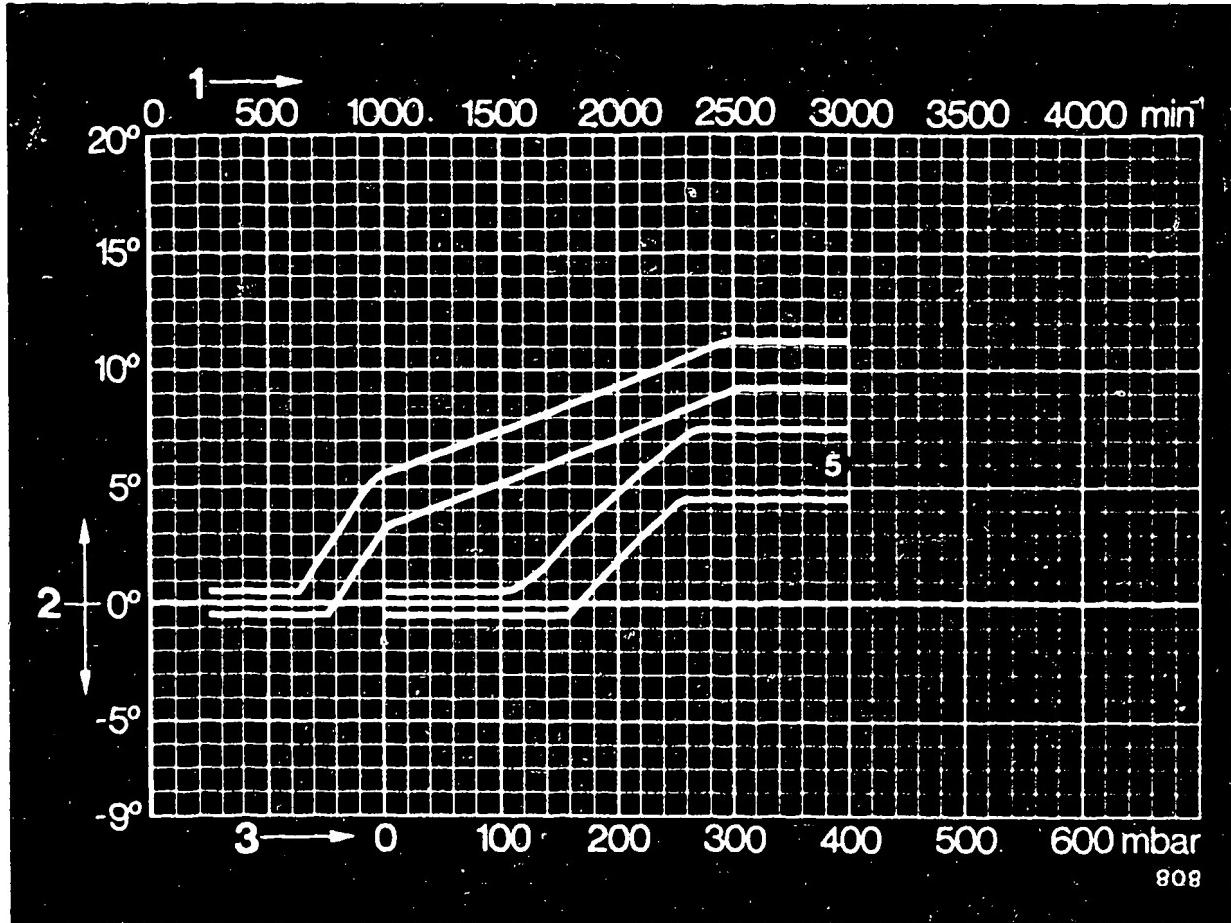
Test instructions: W-231/300

**D17**

Test specifications

Ignition distributors 0 231 ..





0 231 170 298

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

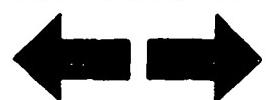
Min. contact gap: 0.35 mm  
 Dwell angle:  $50 \pm 3^{\circ}$   
 Contact pressure: 5.0...6.3 N  
 Margin for tolerance:  $\pm 0.5^{\circ}$  dist. shaft

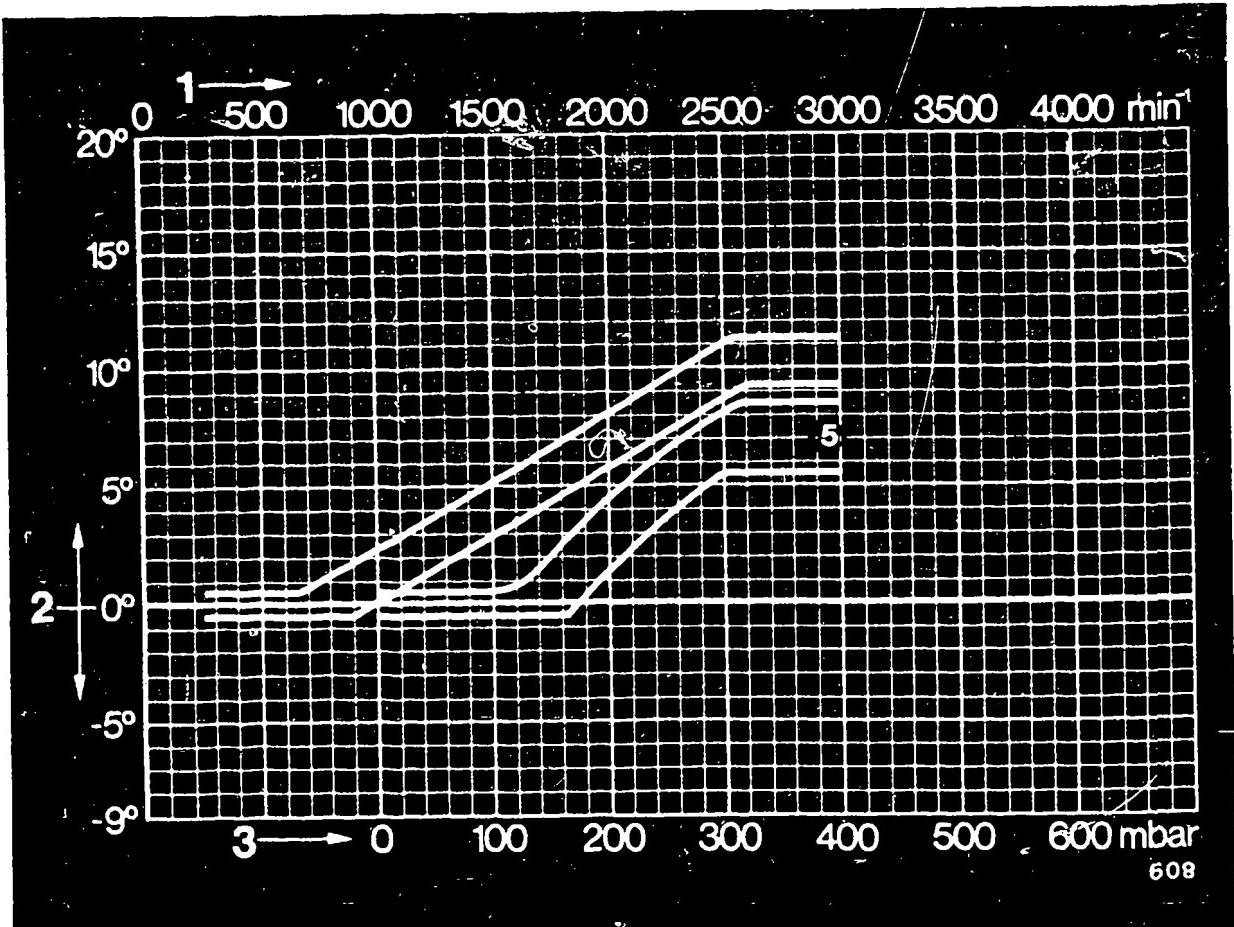
Test instructions: W-231/300

**D 18**

Test specifications

Ignition distributors 0 231 ..





0 231 170 299

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

Min. contact gap:	0.35 mm
Dwell angle:	$50 \pm 3^\circ$
Contact pressure:	5.0...6.3 N
Margin for tolerance:	$\pm 0.5^\circ$ dist. shaft

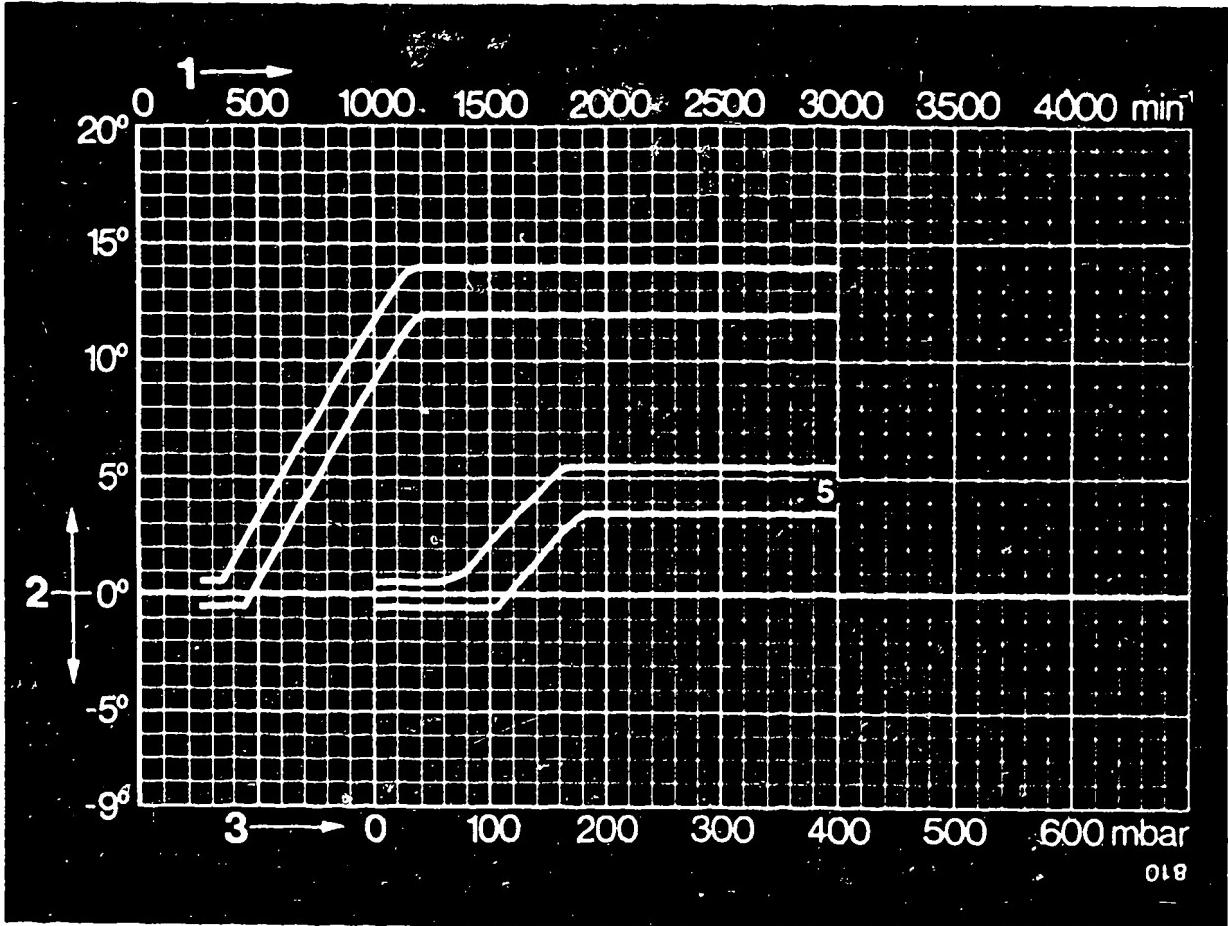
Test instructions: W-231/300

**D 19**

Test specifications

Ignition distributors 0 231 ..





0 231 170 301

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

Min. contact gap:	0.35 mm
Dwell angle:	$62 \pm 3^\circ$
Contact pressure:	6.5...8.0 N
Margin for tolerance:	$\pm 0.5^\circ$ dist. shaft

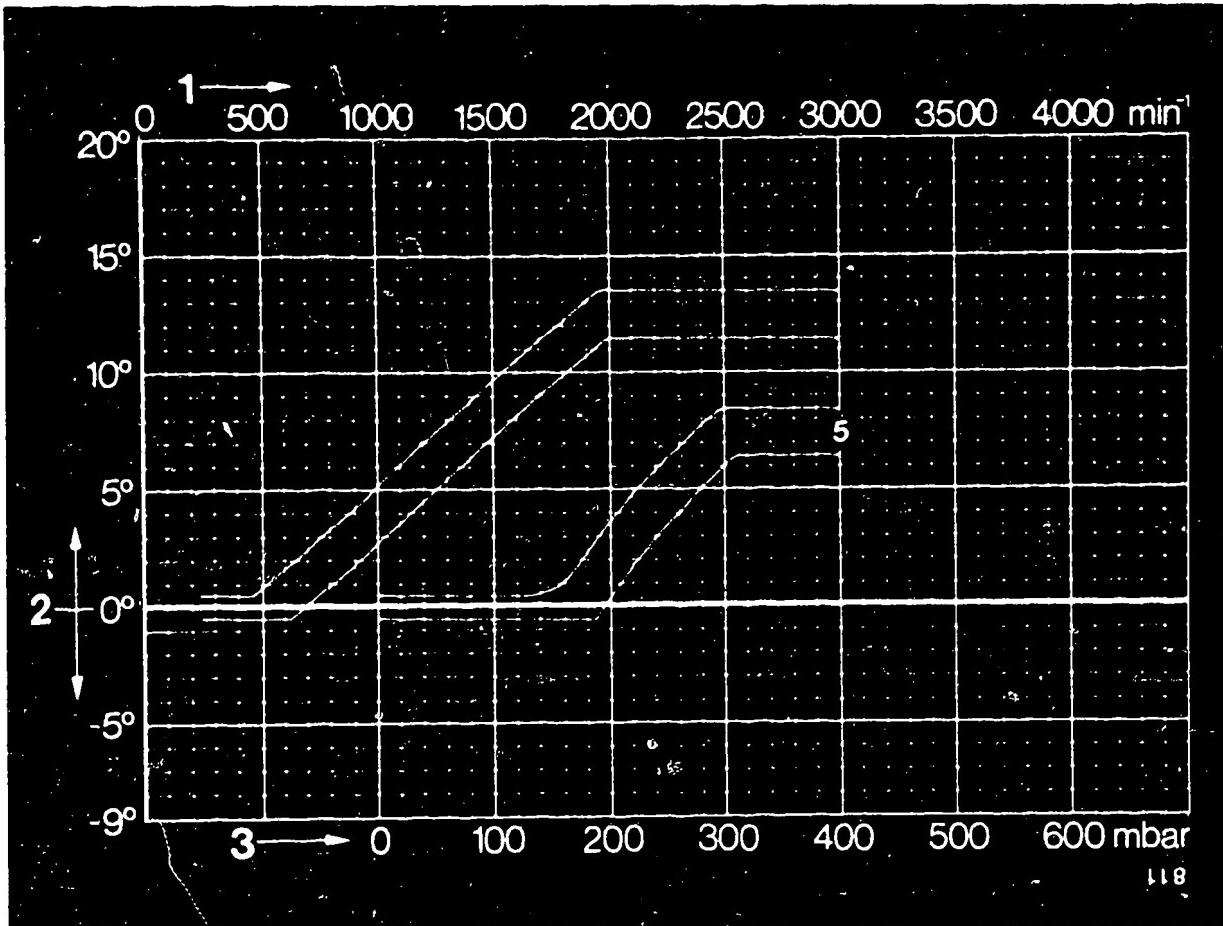
Test instructions: W-231/300

**D20**

Test specifications

Ignition distributors 0 231 ..





0 231 170 302

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

Min. contact gap:	0.35 mm
Dwell angle:	$62 \pm 3^\circ$
Contact pressure:	6.5 N
Margin for tolerance:	$\pm 0.5^\circ$ dist. shaft

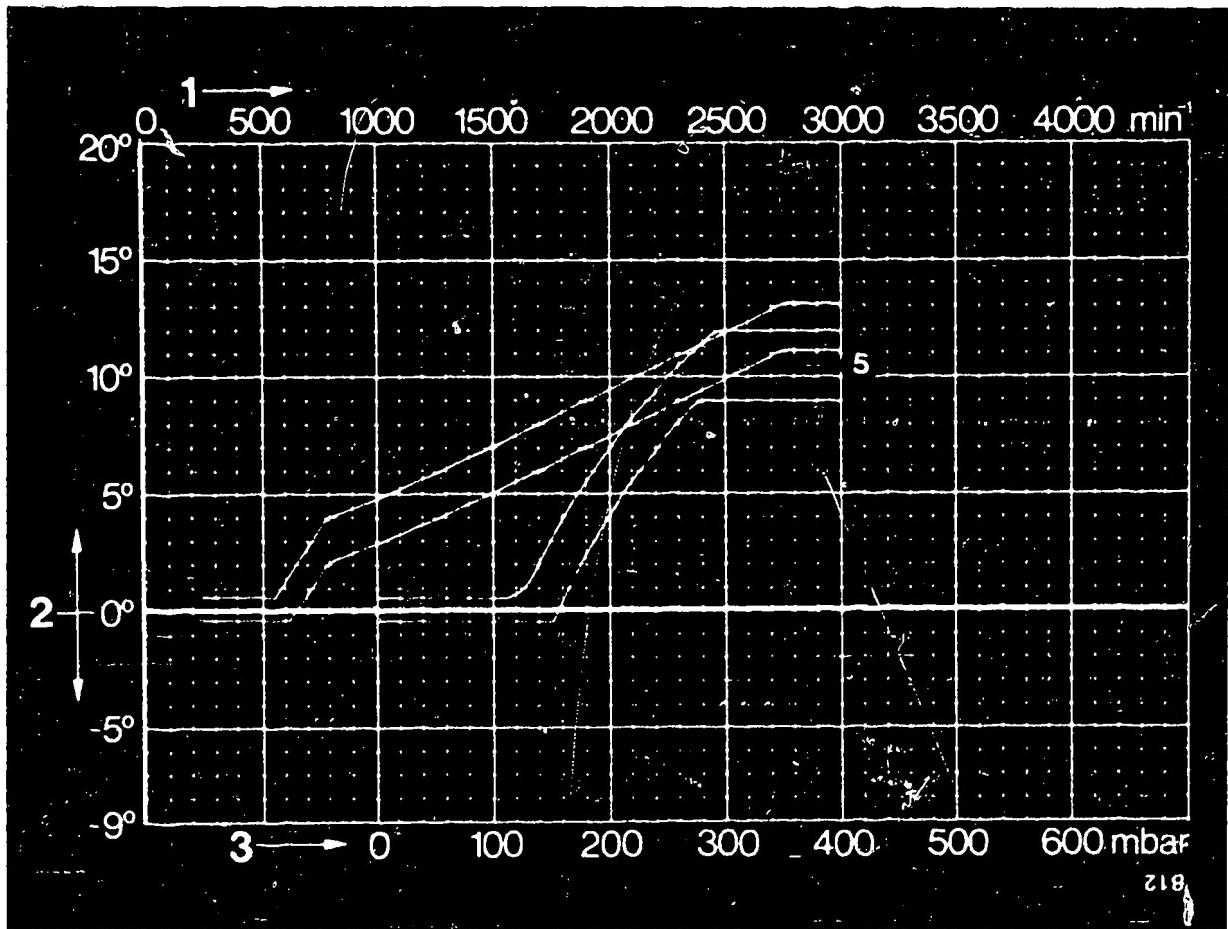
Test instructions: W-231/300

**D21**

Test specifications

Ignition distributors 0 231 ..





0 231 170 303

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

Min. contact gap: 0.35 mm

Dwell angle:  $50 \pm 3^\circ$

Contact pressure: 5.0...6.3 N

Margin for tolerance:  $\pm 0.5^\circ$  dist. shaft

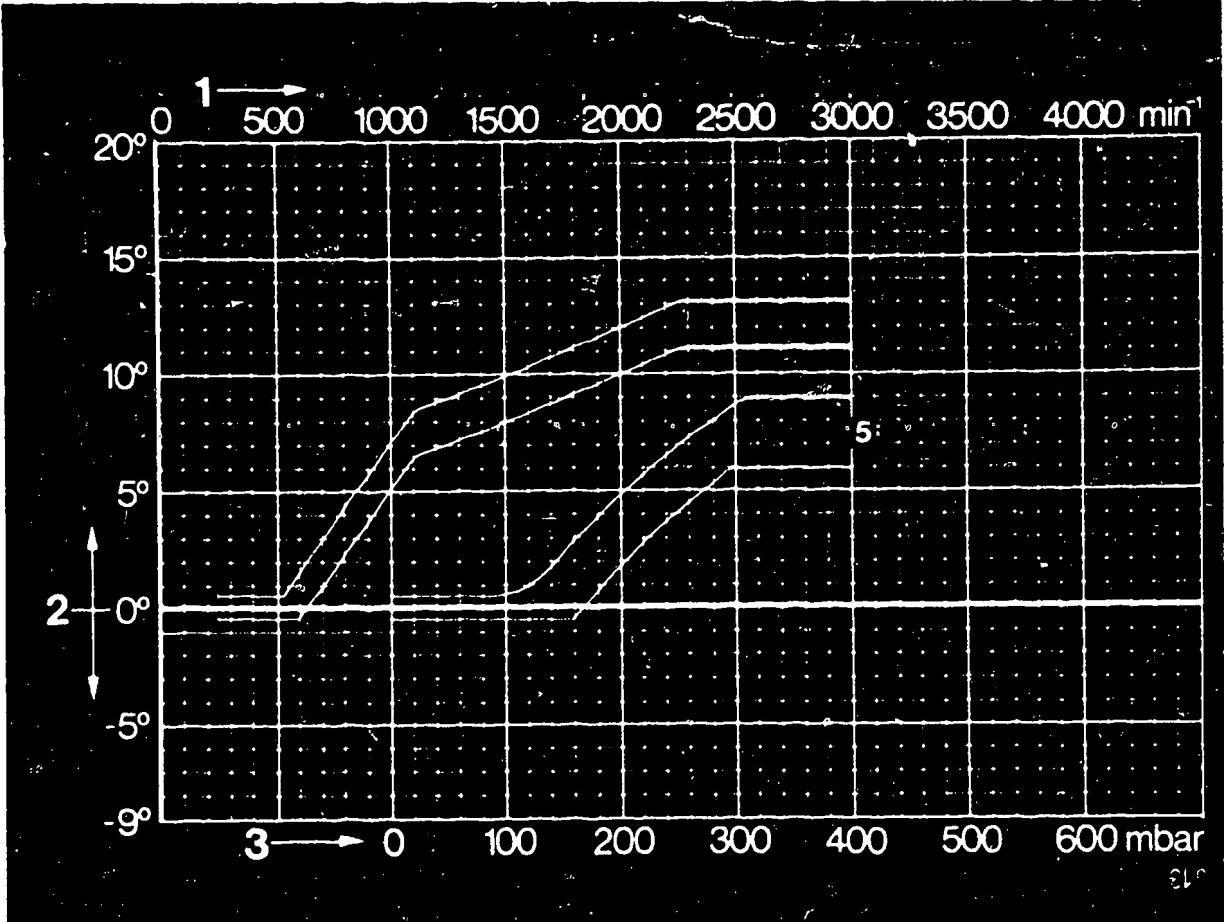
Test instructions: W-231/300

**D22**

Test specifications

Ignition distributors 0 231 ..





0 231 170 304

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

Min. contact gap:	0.35 mm
Dwell angle:	$50 \pm 3^\circ$
Contact pressure:	5.0...6.3 N
Margin for tolerance:	$\pm 0.5^\circ$ dist. shaft

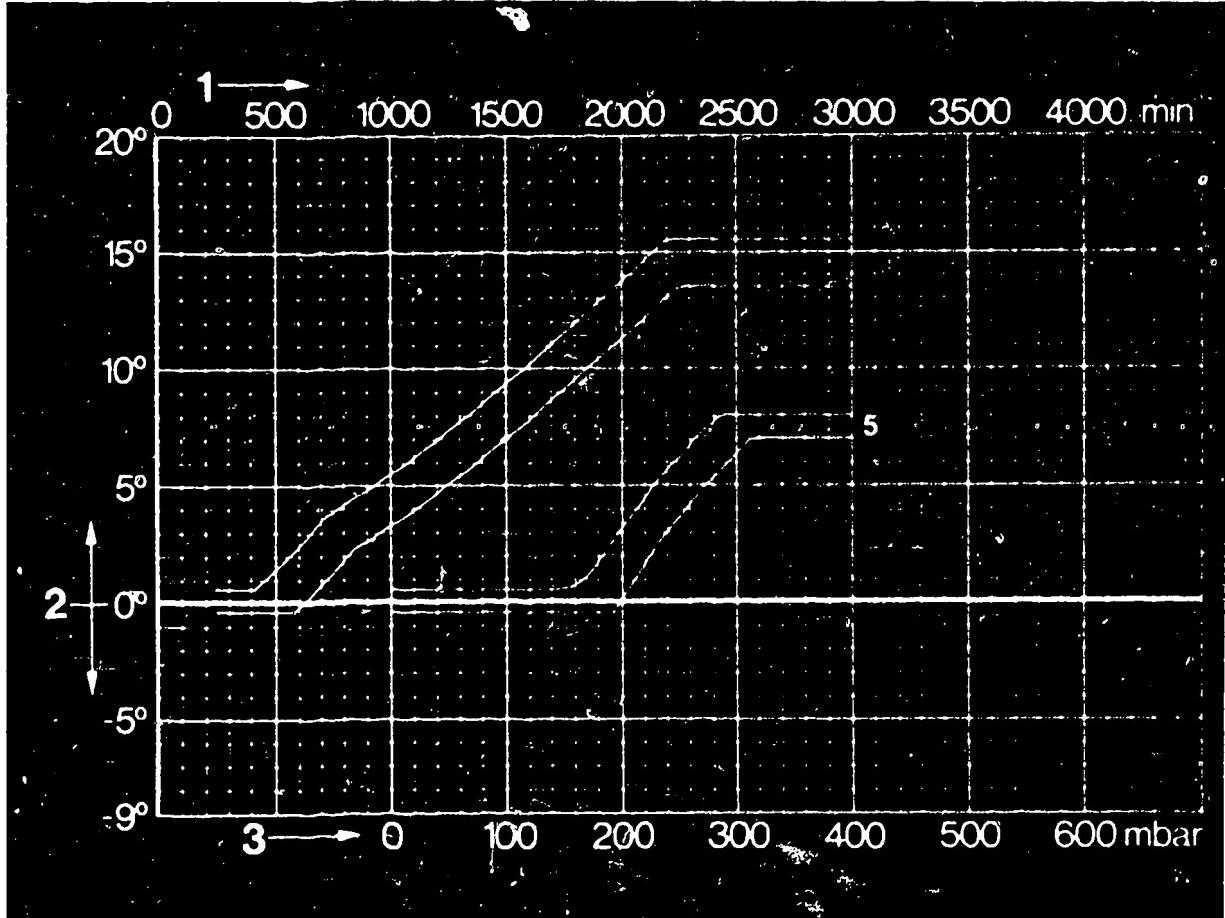
Test instructions: W-231/300

**D23**

Test specifications

Ignition distributors 0 231 ..





0 231 170 305/306

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

Min. contact gap:	0.46 mm
Dwell angle:	45...49°
Contact pressure:	3.8...5.0 N
Margin for tolerance:	<u>± 0.5°</u> dist. shaft

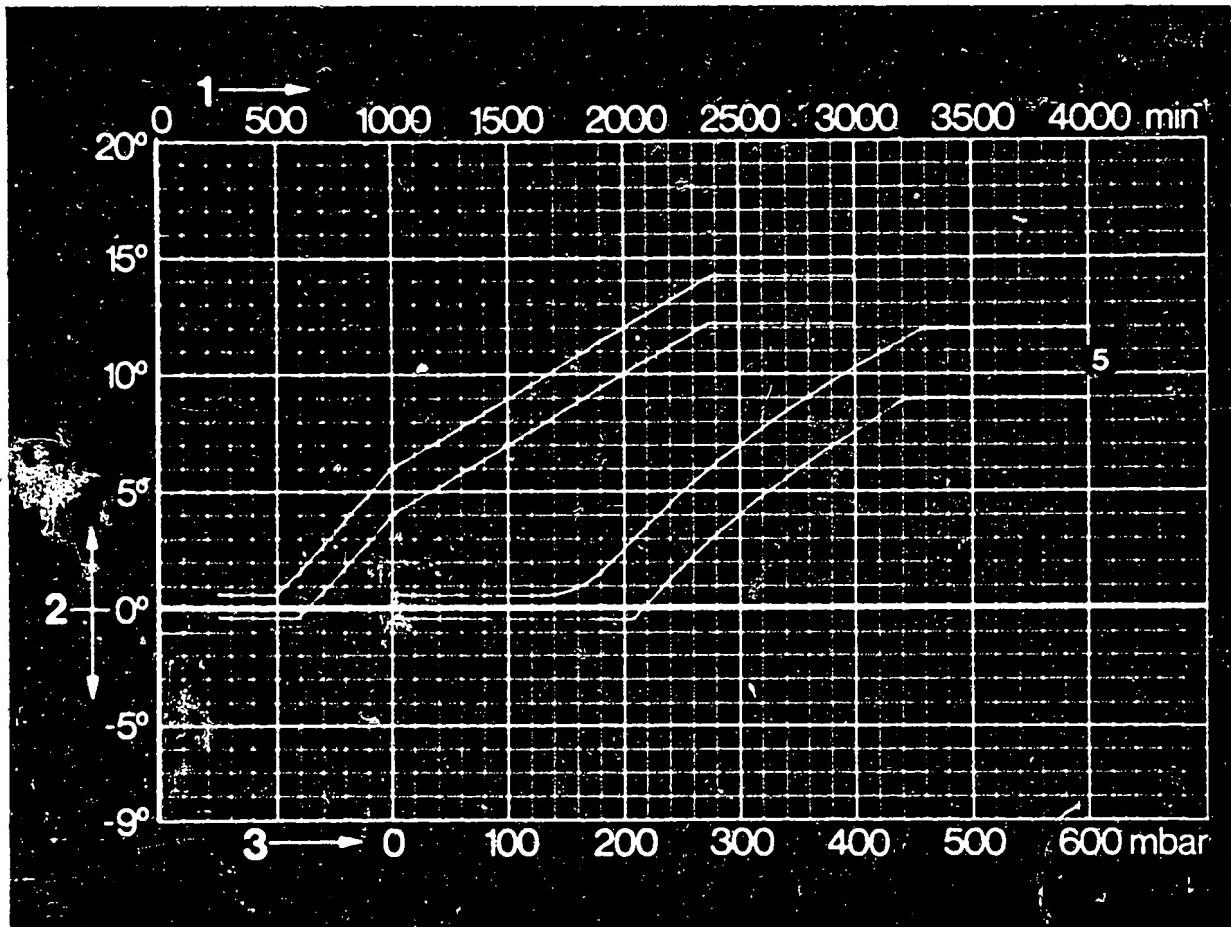
Test instructions: W-231/300

**D24**

Test specifications

Ignition distributors 0 231 ..





0 231 170 307

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

Min. contact gap: 0.35 mm

Dwell angle:  $50 \pm 3^\circ$

Contact pressure: 5.0...6.3 N

Margin for tolerance:  $\pm 0.5^\circ$  dist. shaft

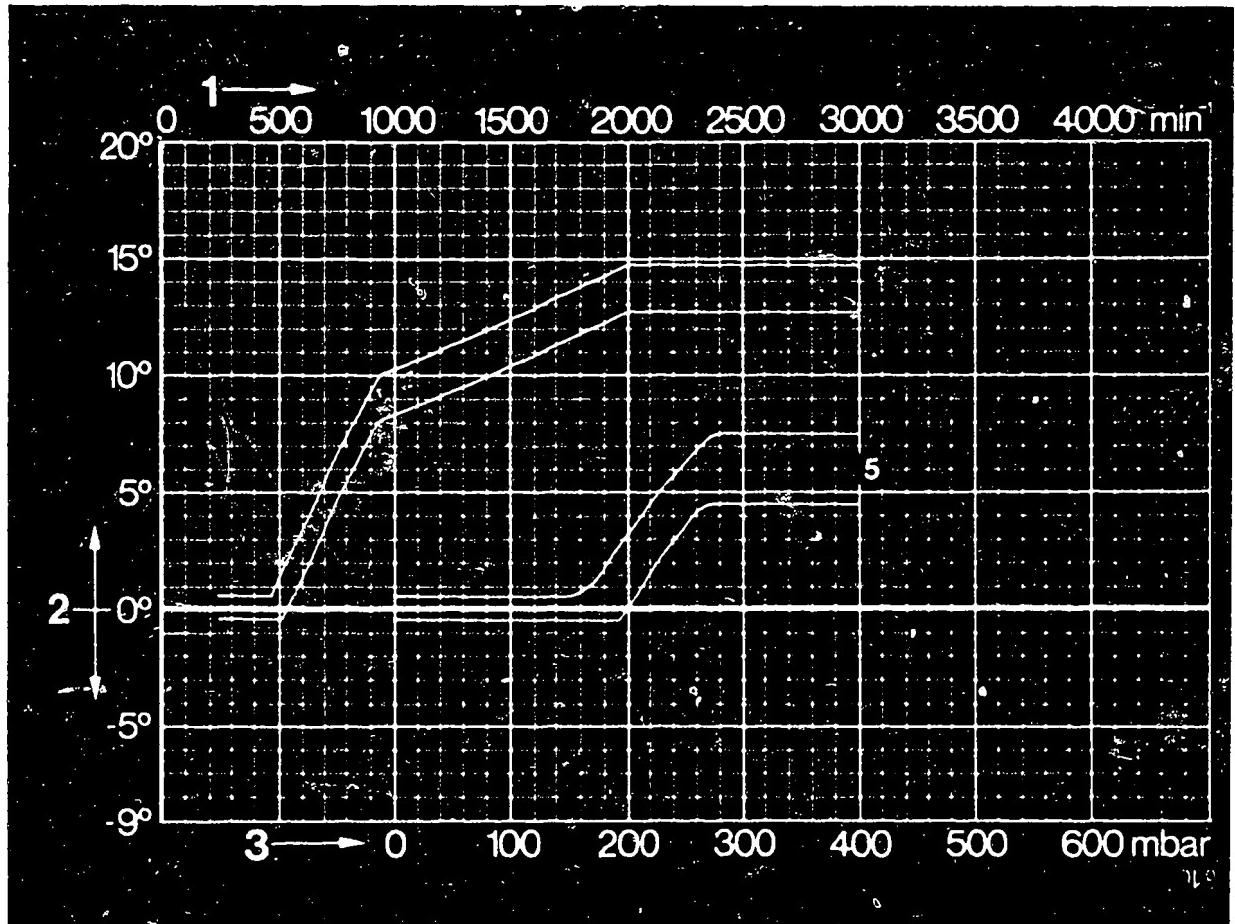
Test instructions: W-231/300

**E1**

Test specifications

Ignition distributors 0 231 ..





0 231 170 308

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

Min. contact gap:	0.35 mm
Dwell angle:	$50 \pm 3^\circ$
Contact pressure:	5.0...6.3 N
Margin for tolerance:	$\pm 0.5^\circ$ dist. shaft

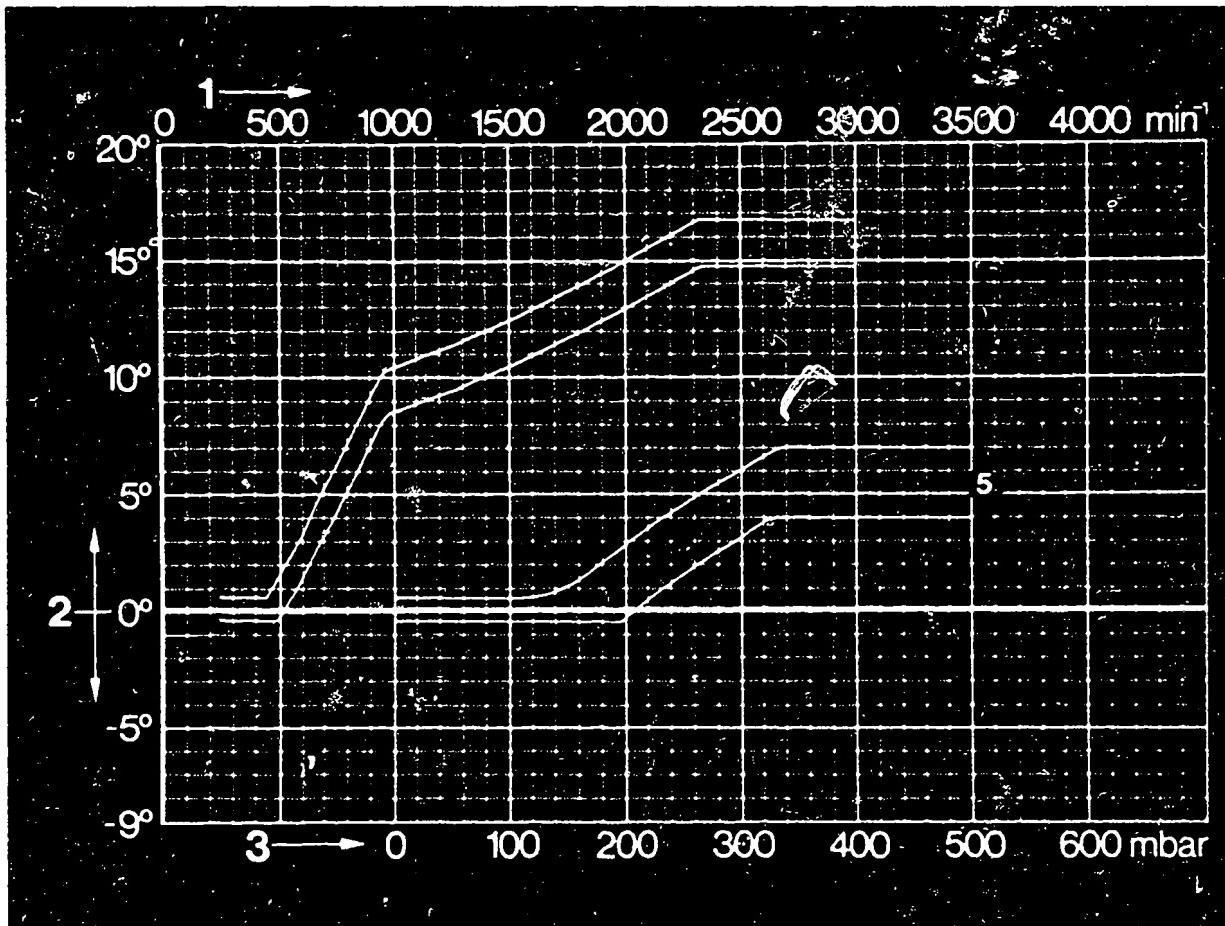
Test instructions: W-231/300

**E2**

Test specifications

Ignition distributors 0 231 ..





0 231 170 309

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

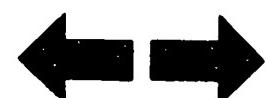
Min. contact gap:	0.35 mm
Dwell angle:	$50 \pm 3^\circ$
Contact pressure:	5.0...6.3 N
Margin for tolerance:	$\pm 0.5^\circ$ dist. shaft

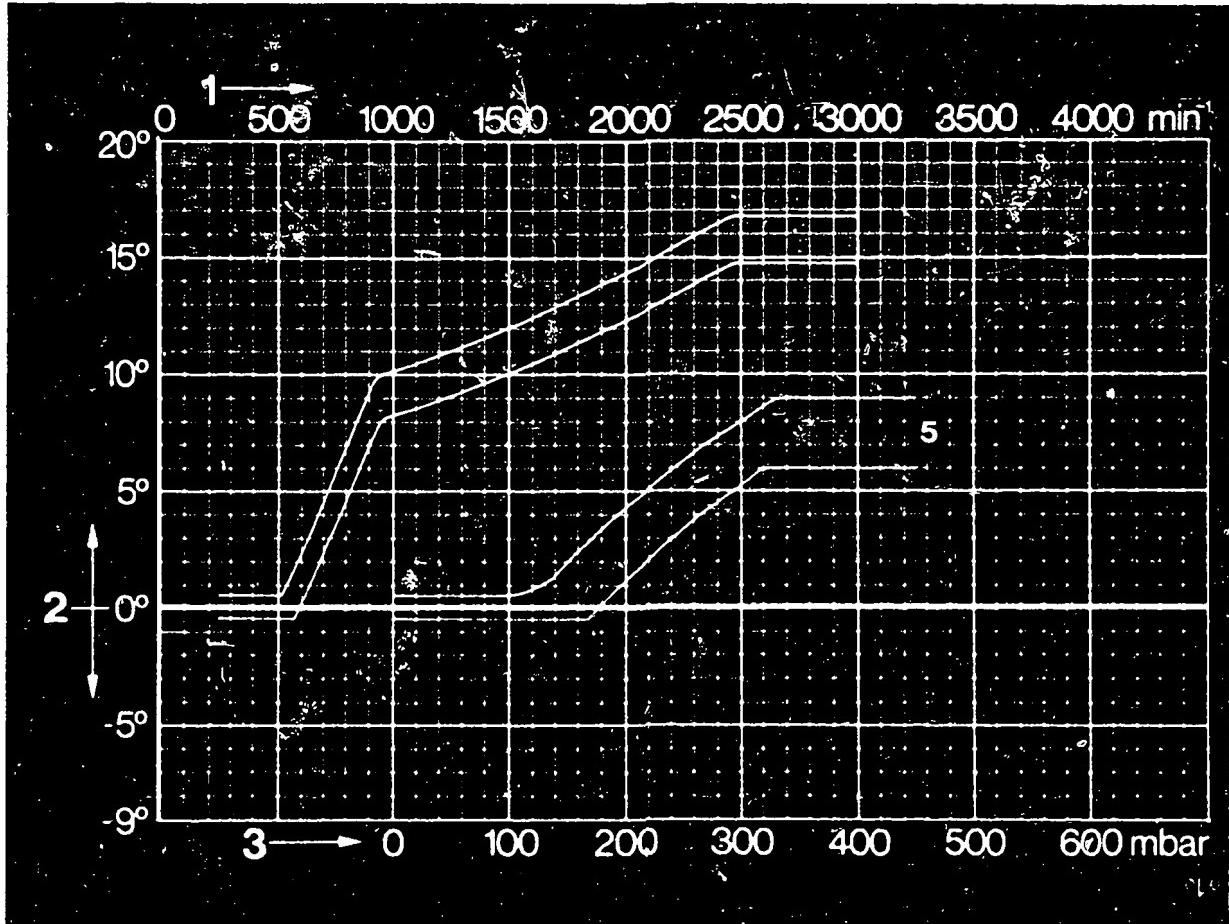
Test instructions: W-231/300

**E3**

Test specifications

Ignition distributors 0 231 ..





0 231 170 310

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

Min. contact gap: 0.35 mm  
 Dwell angle:  $50 \pm 3^\circ$   
 Contact pressure: 5.0...6.3 N  
 Margin for tolerance:  $\pm 0.5^\circ$  dist. shaft

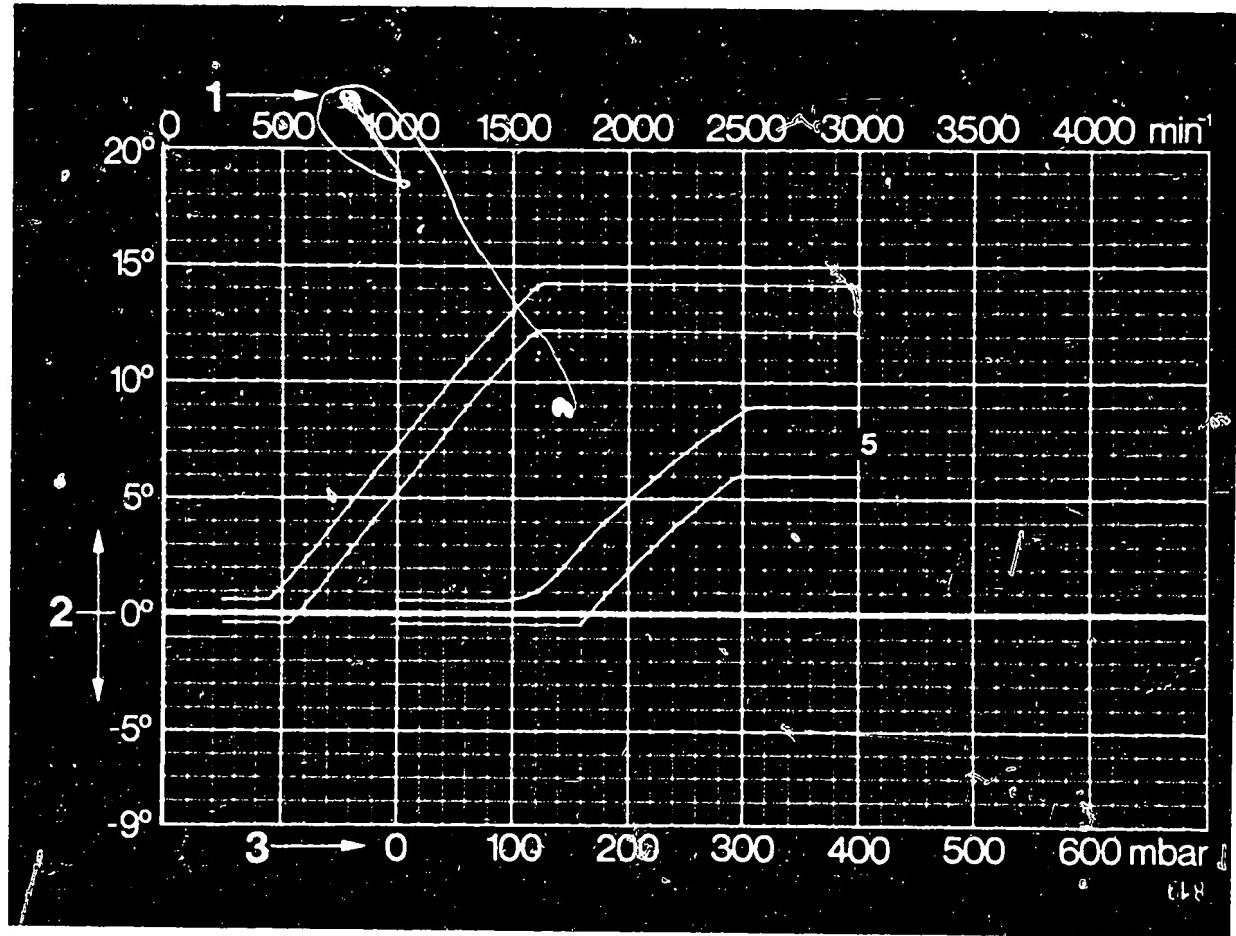
Test instructions: W-231/300

**E4**

Test specifications

Ignition distributors 0 231 ..





0 231 170 311

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

Min. contact gap:	0.35 mm
Dwell angle:	$50 \pm 3^\circ$
Contact pressure:	5.0...6.3 N
Margin for tolerance:	$\pm 0.5^\circ$ dist. shaft

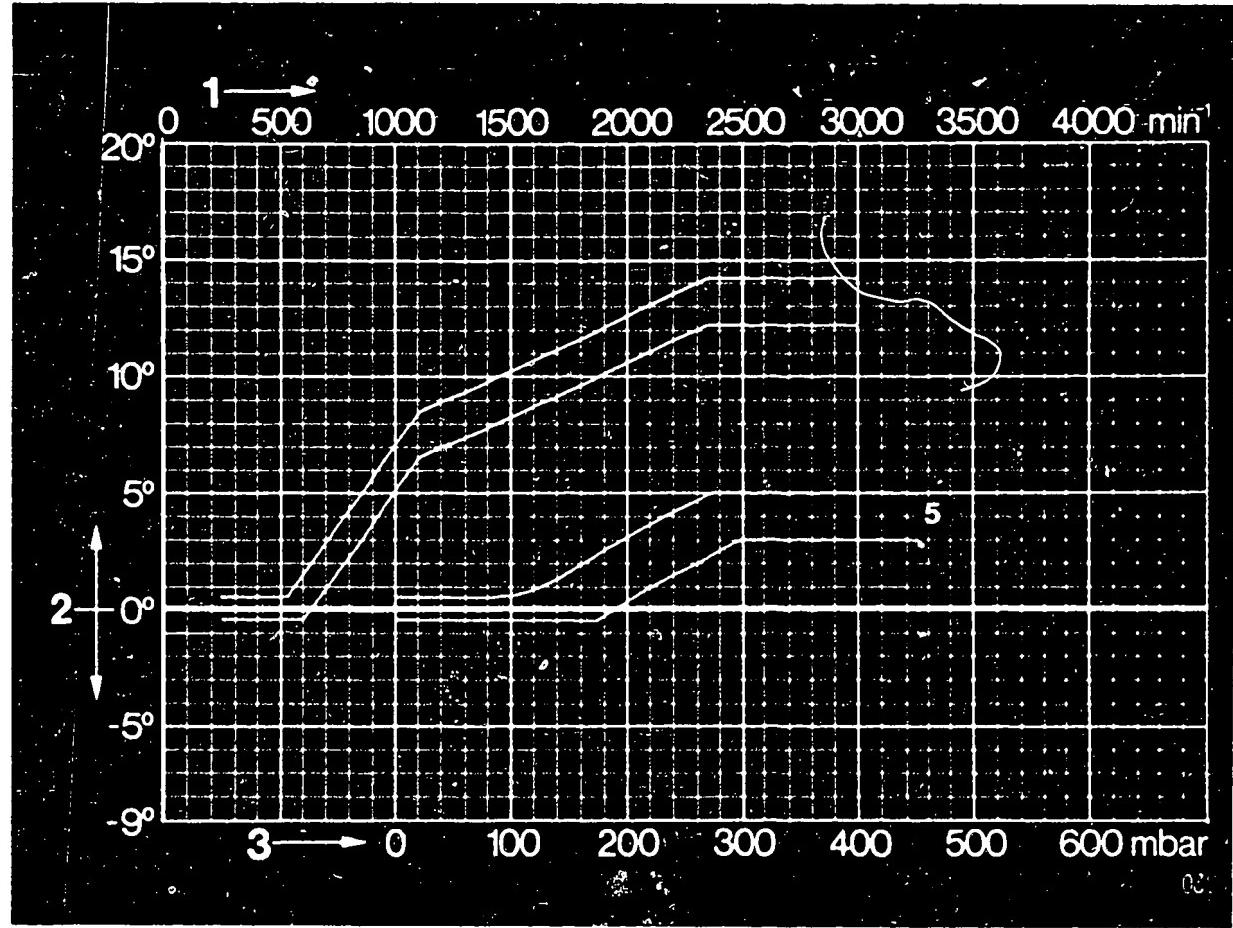
Test instructions: W-231/300

**E5**

Test specifications

Ignition distributors 0 231 ..





0 231 170 312

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

Min. contact gap:	0.35 mm
Dwell angle:	$50 \pm 3^\circ$
Contact pressure:	5.0...6.3 N
Margin for tolerance:	$\pm 0.5^\circ$ dist. shaft

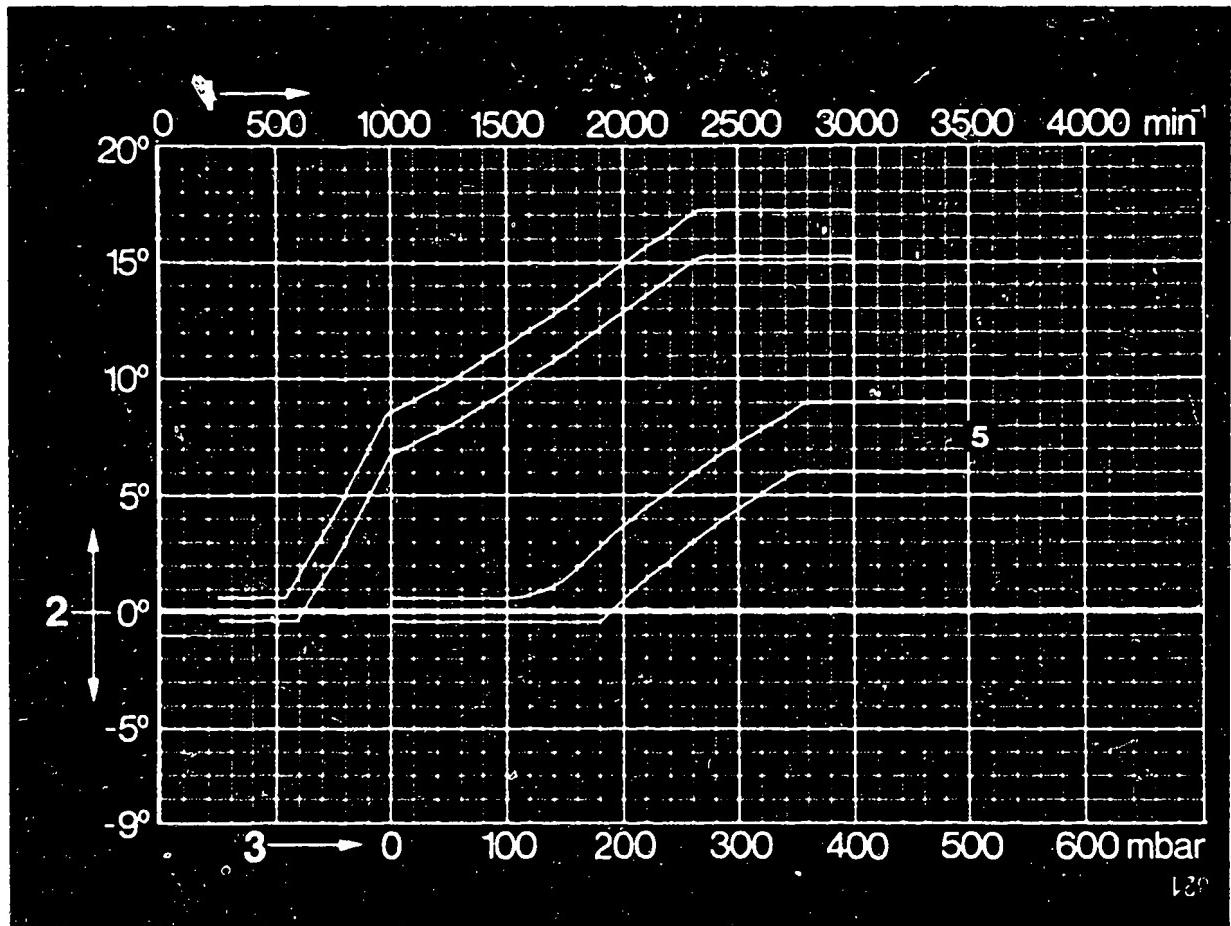
Test instructions: W-231/300

**E6**

Test specifications

Ignition distributors 0 231 ..





0 231 170 313

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

Min. contact gap:	0.35 mm
Dwell angle:	$50 \pm 3^\circ$
Contact pressure:	5.0...6.3 N
Margin for tolerance:	$\pm 0.5^\circ$ dist. shaft

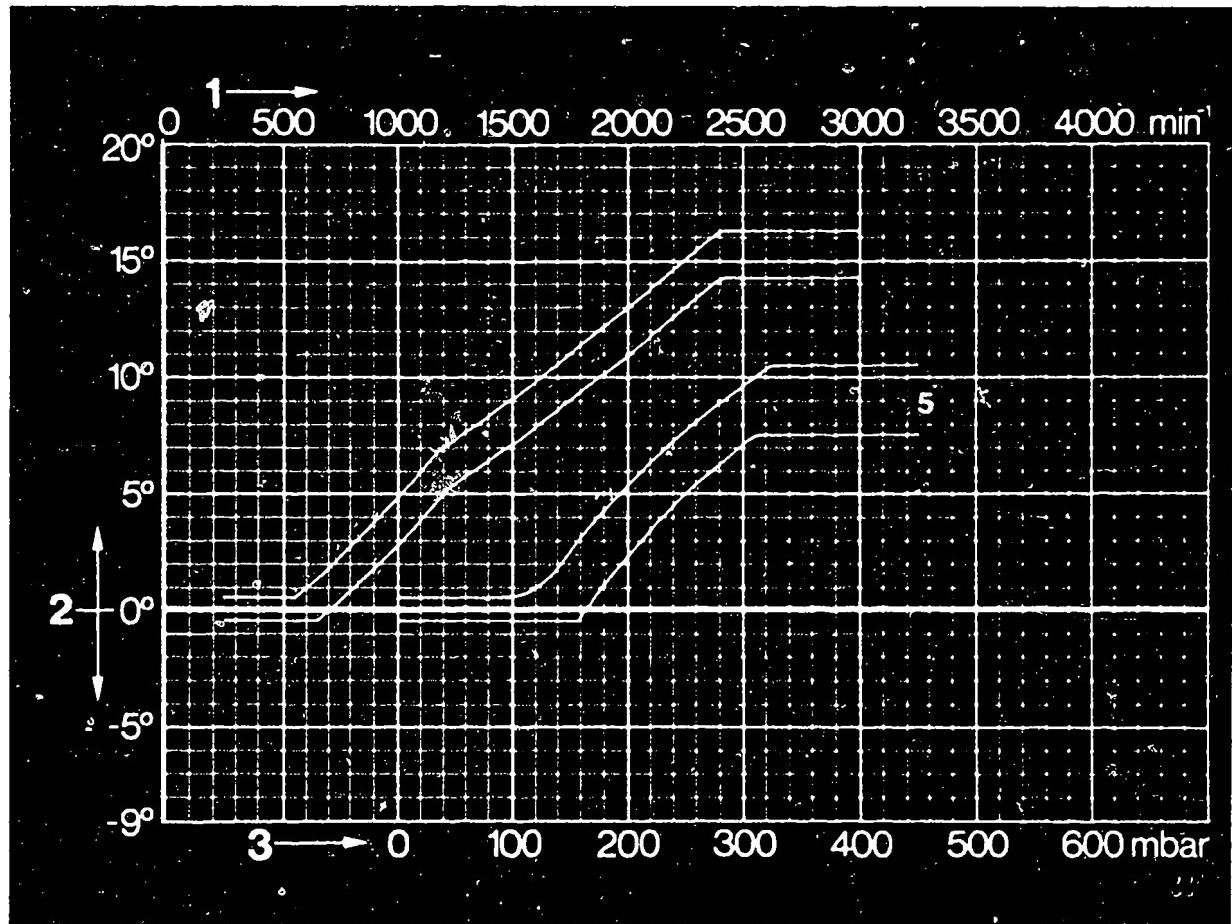
Test instructions: W-231/300

**E7**

Test specifications

Ignition distributors 0 231 ..





0 231 170 314

1 = Rotational speed, distributor shaft

2 = Distributor shaft adjustment

3 = Negative gauge pressure (vacuum)

5 = Negative gauge pressure (vacuum) advance

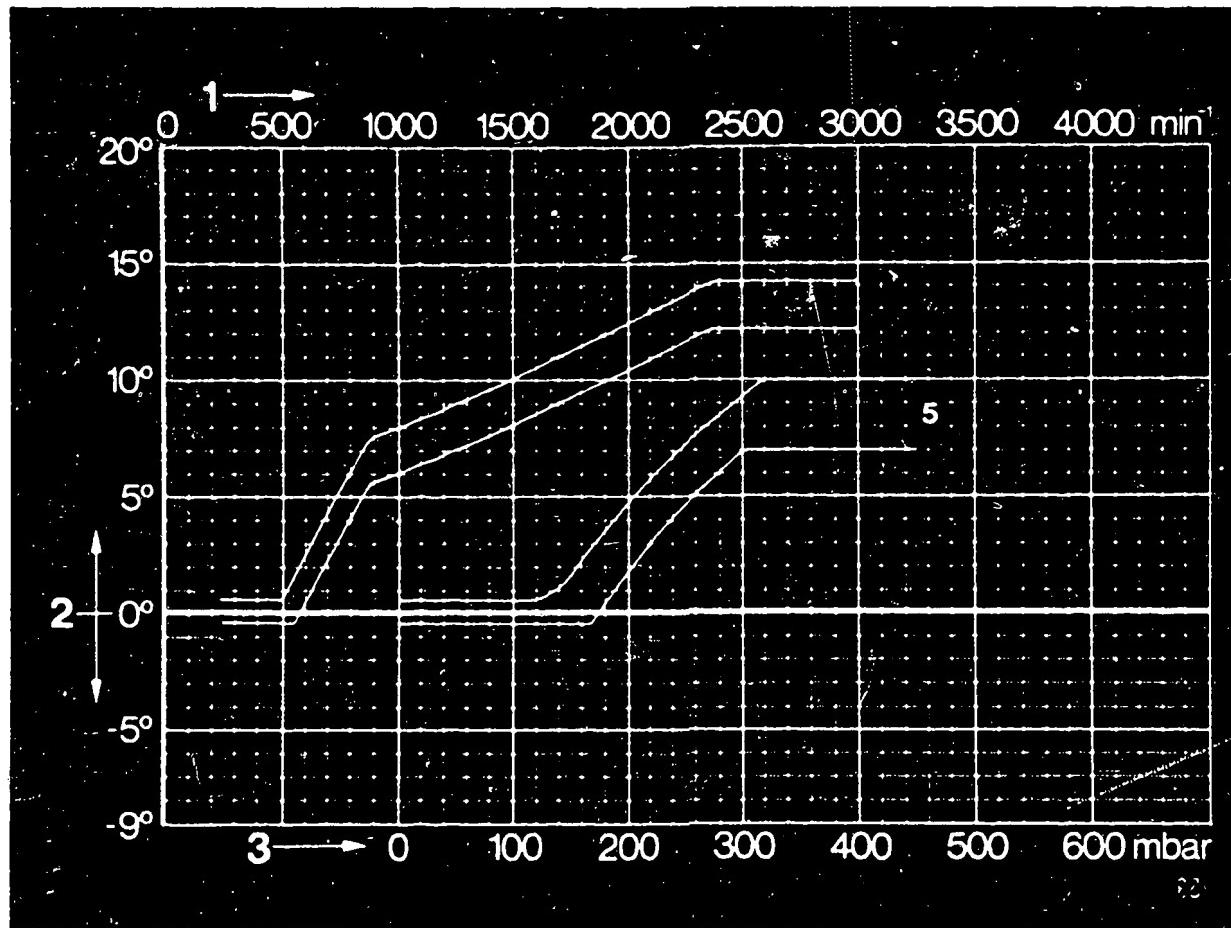
Min. contact gap: 0.35 mm

Dwell angle: 50  $\pm$  3°

Contact pressure: 5.0...6.3 N

Margin for tolerance:  $\pm$  0.5° dist. shaft

Test instructions: W-231/300



0 231 170 315

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

Min. contact gap:	0.35 mm
Dwell angle:	$50 \pm 3^\circ$
Contact pressure:	5.0...6.3 N
Margin for tolerance:	$\pm 0.5^\circ$ dist. shaft

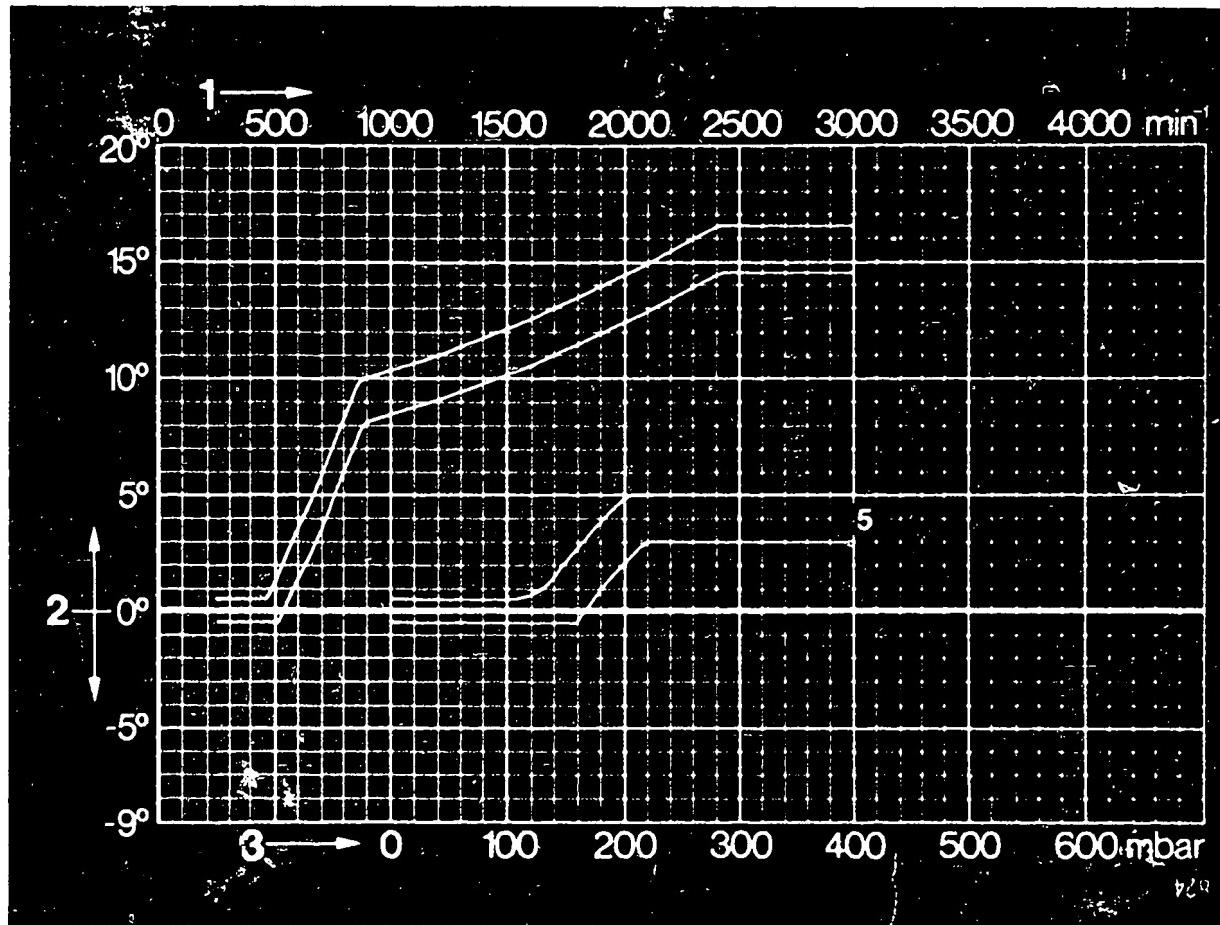
Test instructions: W-231/300

**E9**

Test specifications

Ignition distributors 0 231 ..





0 231 170 316

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

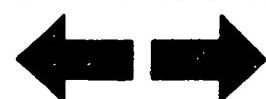
Min. contact gap:	0.35 mm
Dwell angle:	$50 \pm 3^\circ$
Contact pressure:	5.0...6.3 N
Margin for tolerance:	$\pm 0.5^\circ$ dist. shaft

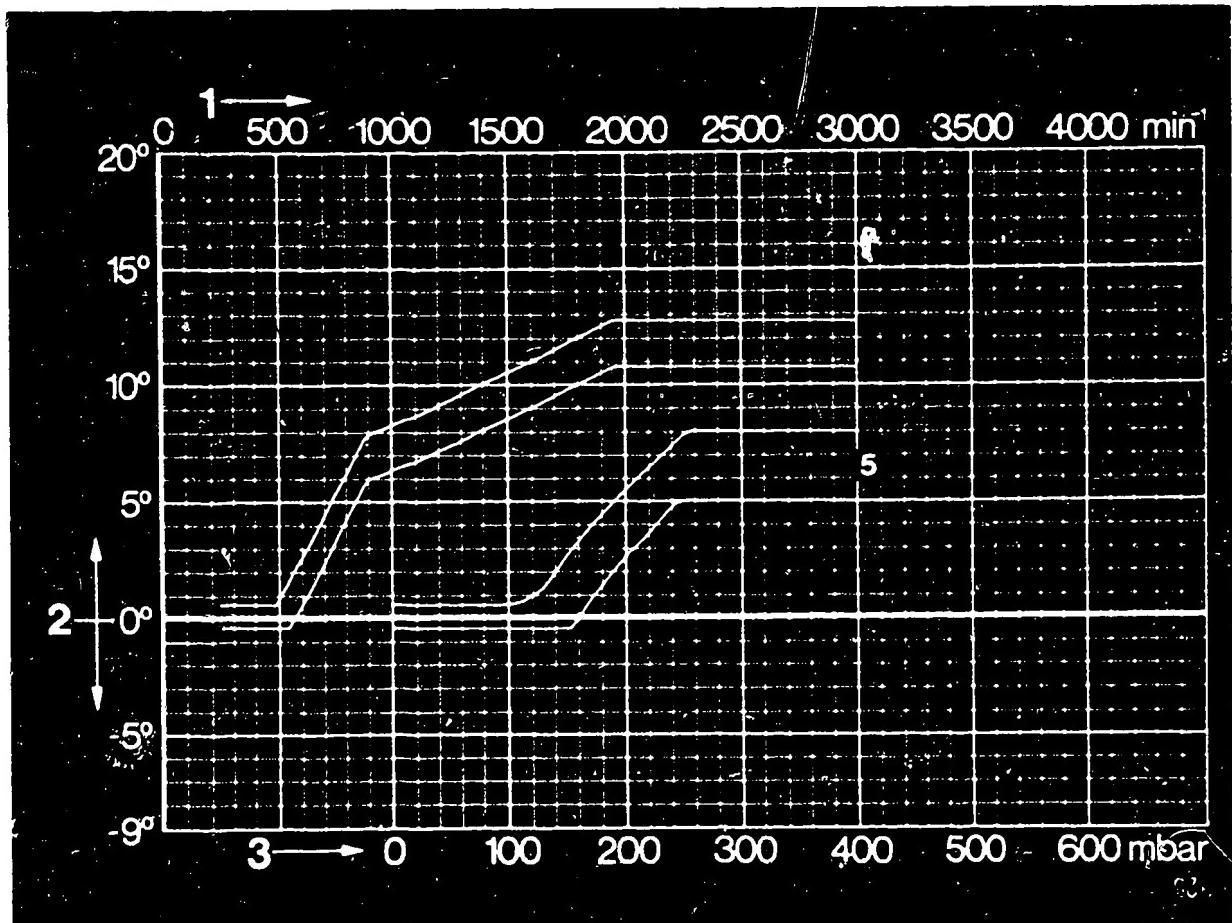
Test instructions: W-231/300

**E10**

Test specifications

Ignition distributors 0 231 ..





0 231 170 317

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

Min. contact gap: 0.35 mm

Dwell angle:  $50 \pm 3^\circ$

Contact pressure: 5.0...6.3 N

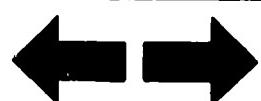
Margin for tolerance:  $\pm 0.5^\circ$  dist. shaft

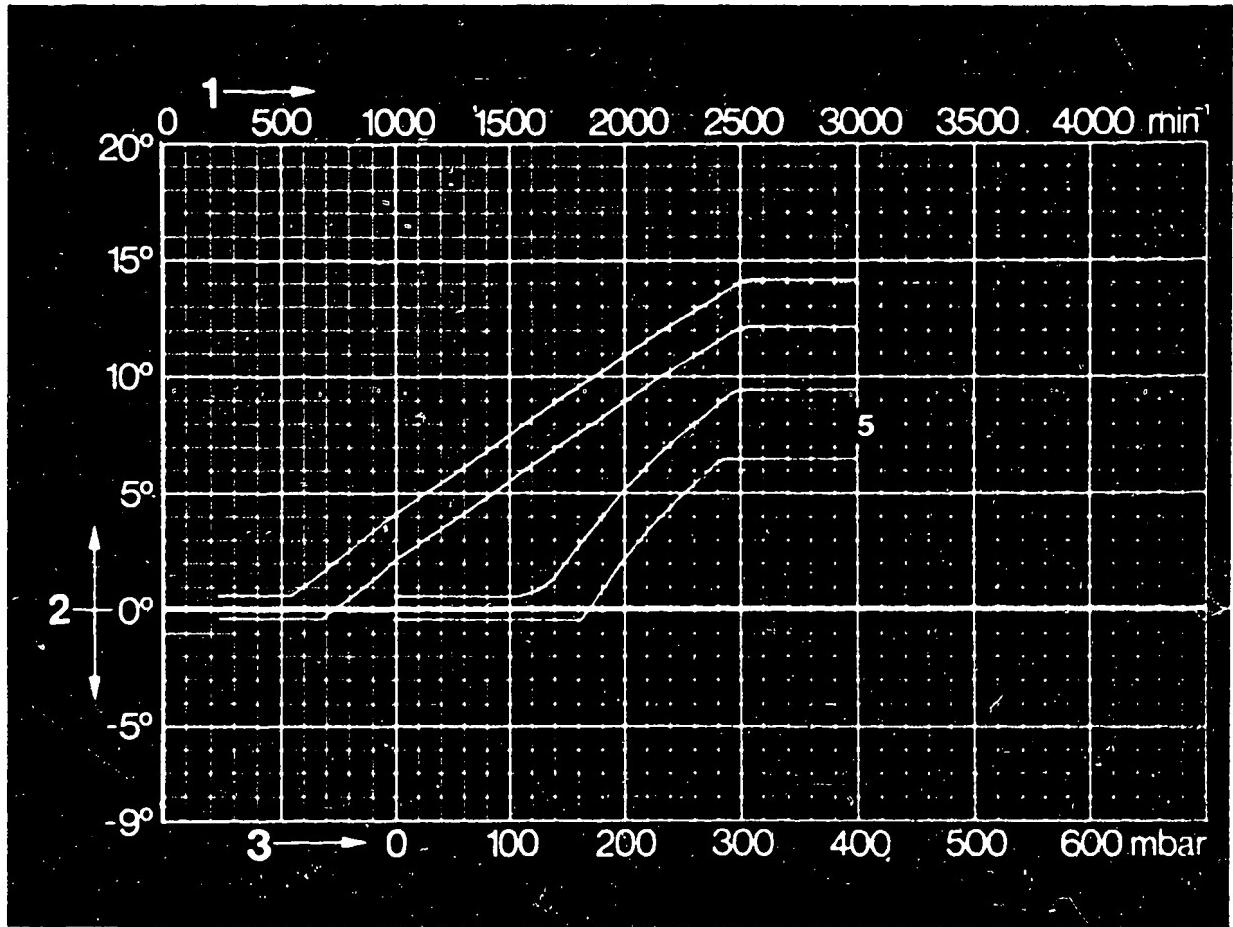
Test instructions: W-231/300

**E11**

Test specifications

Ignition distributors 0 231 ..





0 231 170 320

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

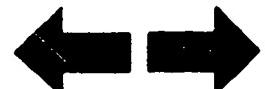
Min. contact gap:	0.35 mm
Dwell angle:	$50 \pm 3^\circ$
Contact pressure:	5.0...6.3 N
Margin for tolerance:	$\pm 0.5^\circ$ dist. shaft

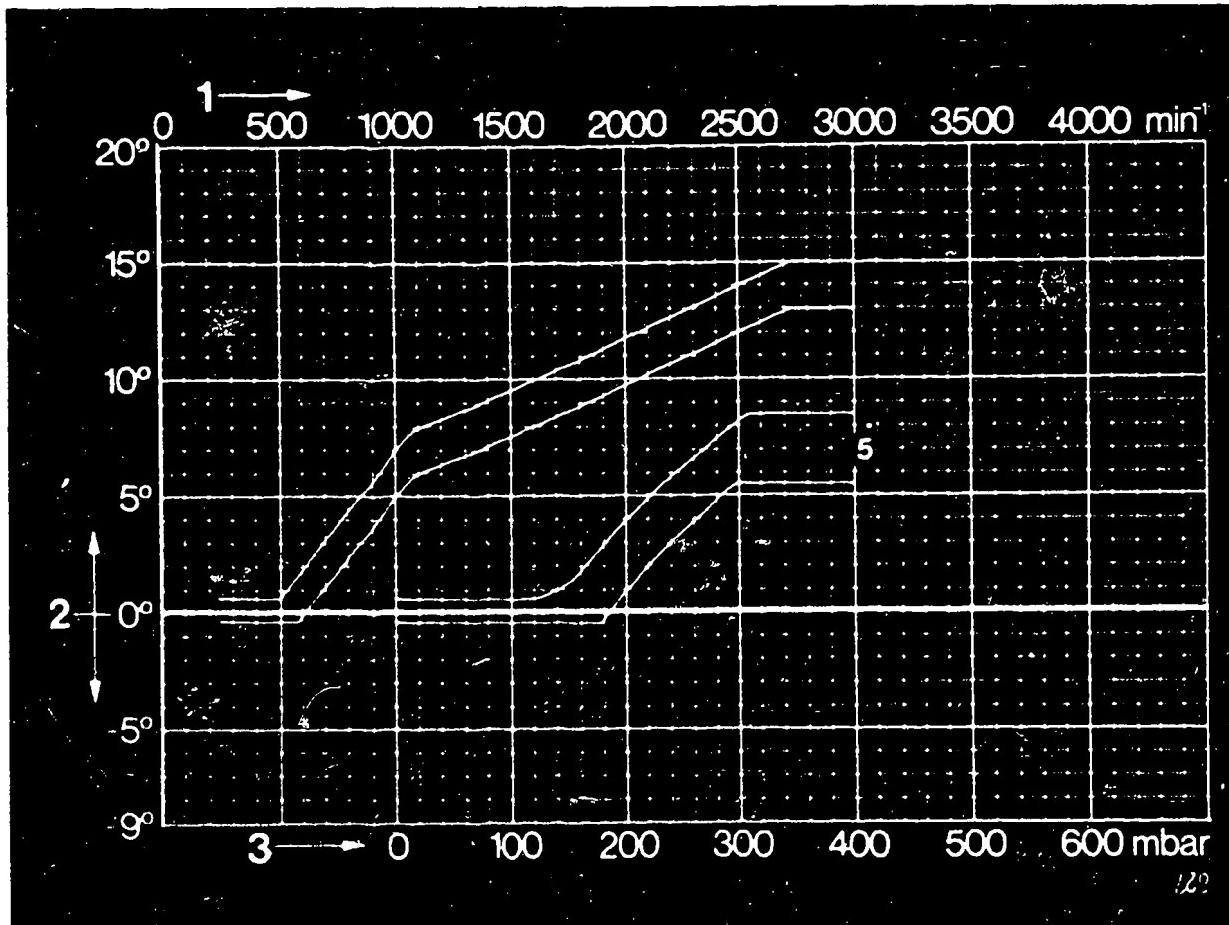
Test instructions: W-231/300

**E12**

Test specifications

Ignition distributors 0 231 ..





0 231 170 321

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

Min. contact gap:	0.35 mm
Dwell angle:	$50 \pm 3^\circ$
Contact pressure:	3.8...5.0 N
Margin for tolerance:	$\pm 0.5^\circ$ dist. shaft

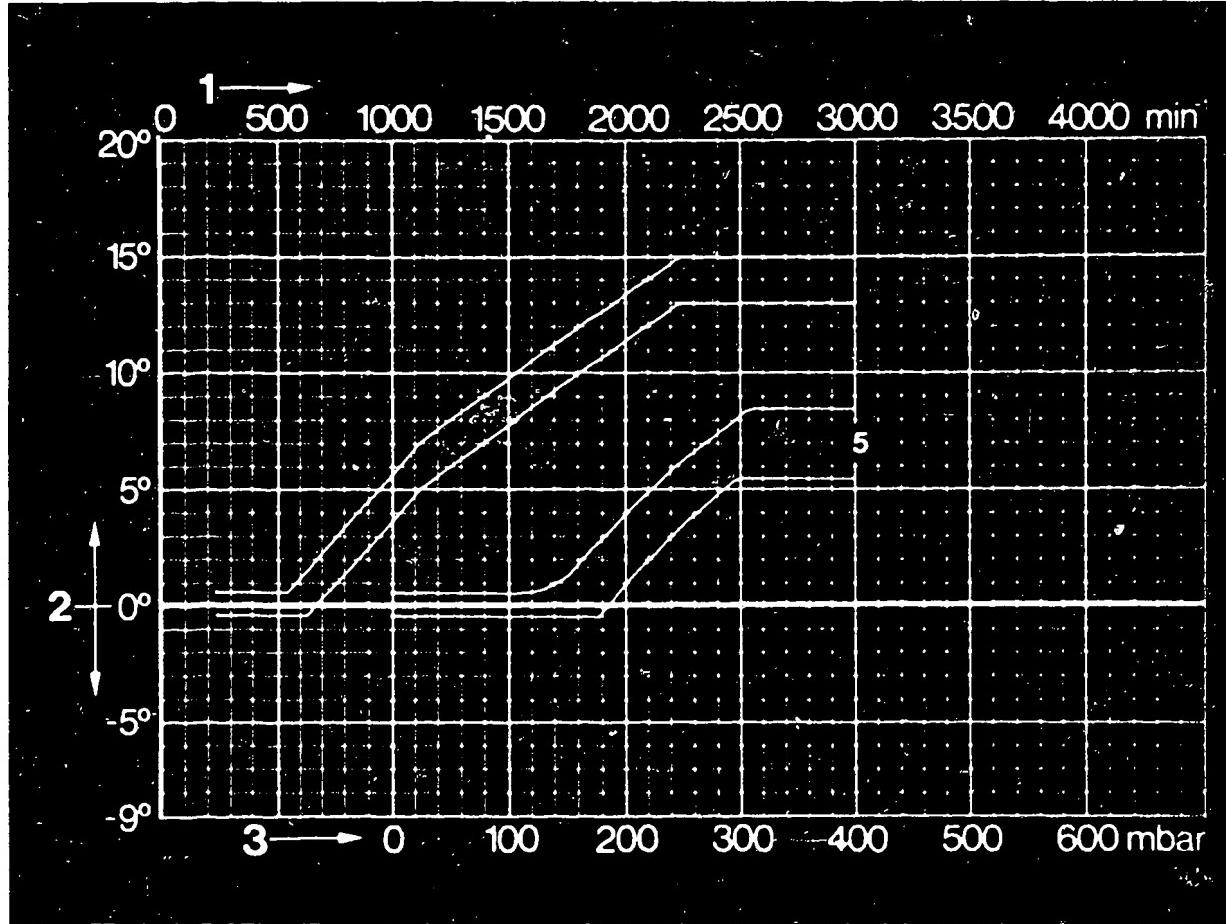
Test instructions: W-231/300

**E13**

Test specifications

Ignition distributors 0 231 ..





0 231 170 322

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

Min. contact gap:	0.35 mm
Dwell angle:	$50 \pm 3^\circ$
Contact pressure:	3.8...5.0 N
Margin for tolerance:	$\pm 0.5^\circ$ dist. shaft

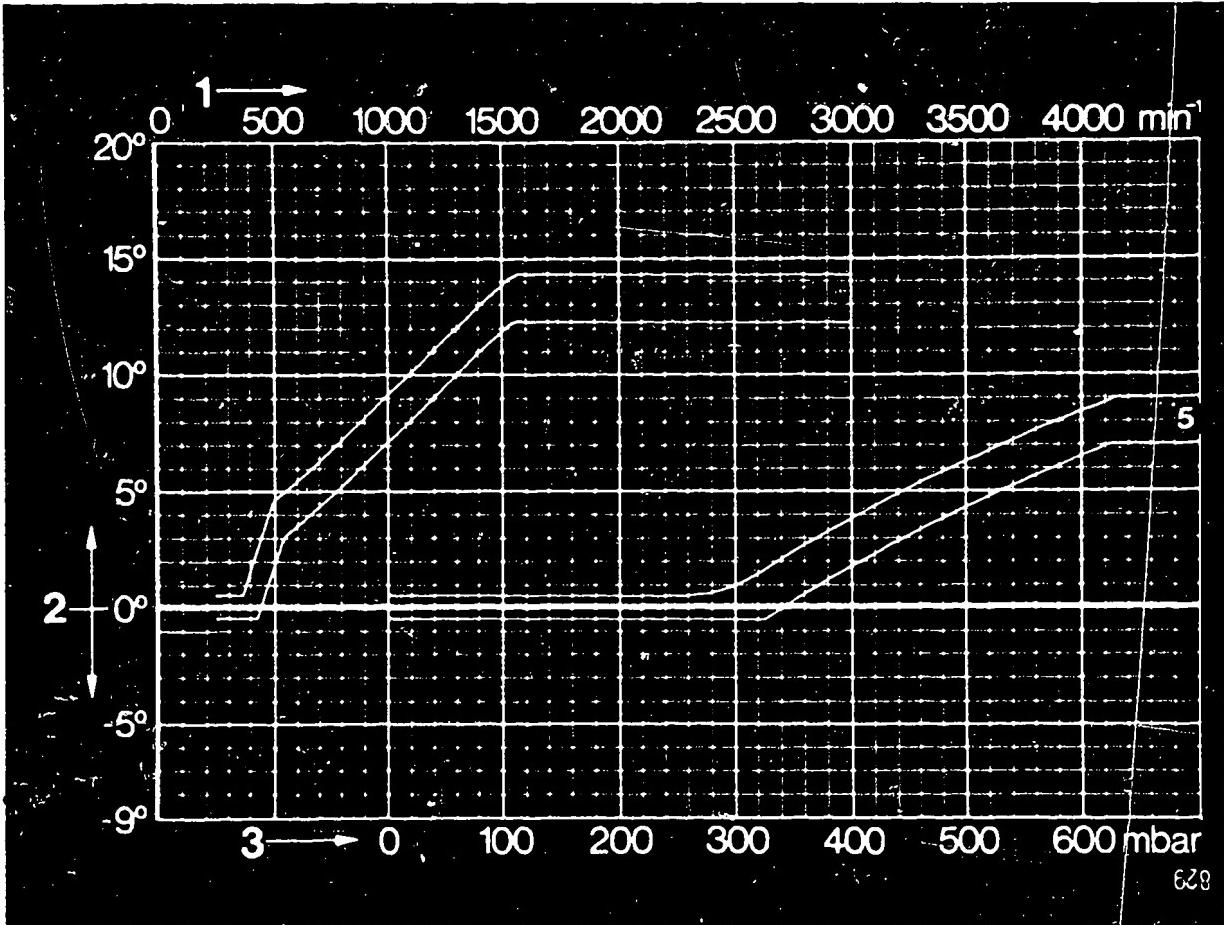
Test instructions: W-231/300

**E14**

Test specifications

Ignition distributors 0 231 ..





0 231 170 323

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

Min. contact gap: 0.4...0.5 mm

Dwell angle:  $50 \pm 3^\circ$

Contact pressure: 5.0...6.3 N

Margin for tolerance:  $\pm 0.5^\circ$  dist. shaft

Test instructions: W-231/300

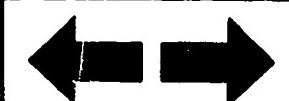
Clamping flange: 1 685 700 133

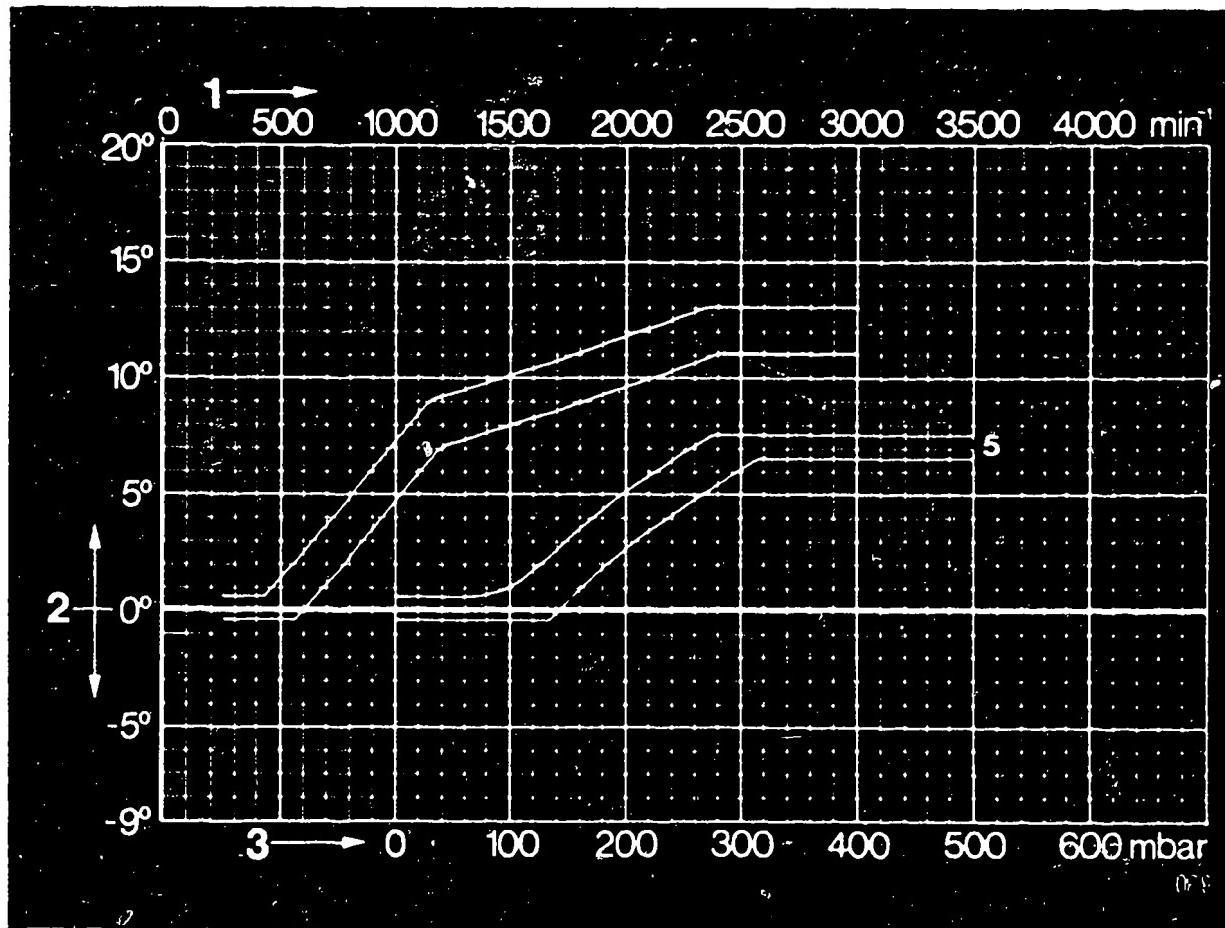
Driver: 1 686 400 003

**E15**

Test specifications

Ignition distributors 0 231 ..





0 231 170 325/326

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

Min. contact gap:	0.46 mm
Dwell angle:	45...49°
Contact pressure:	3.8...5.0 N
Margin for tolerance:	<u>± 0.5°</u> dist. shaft

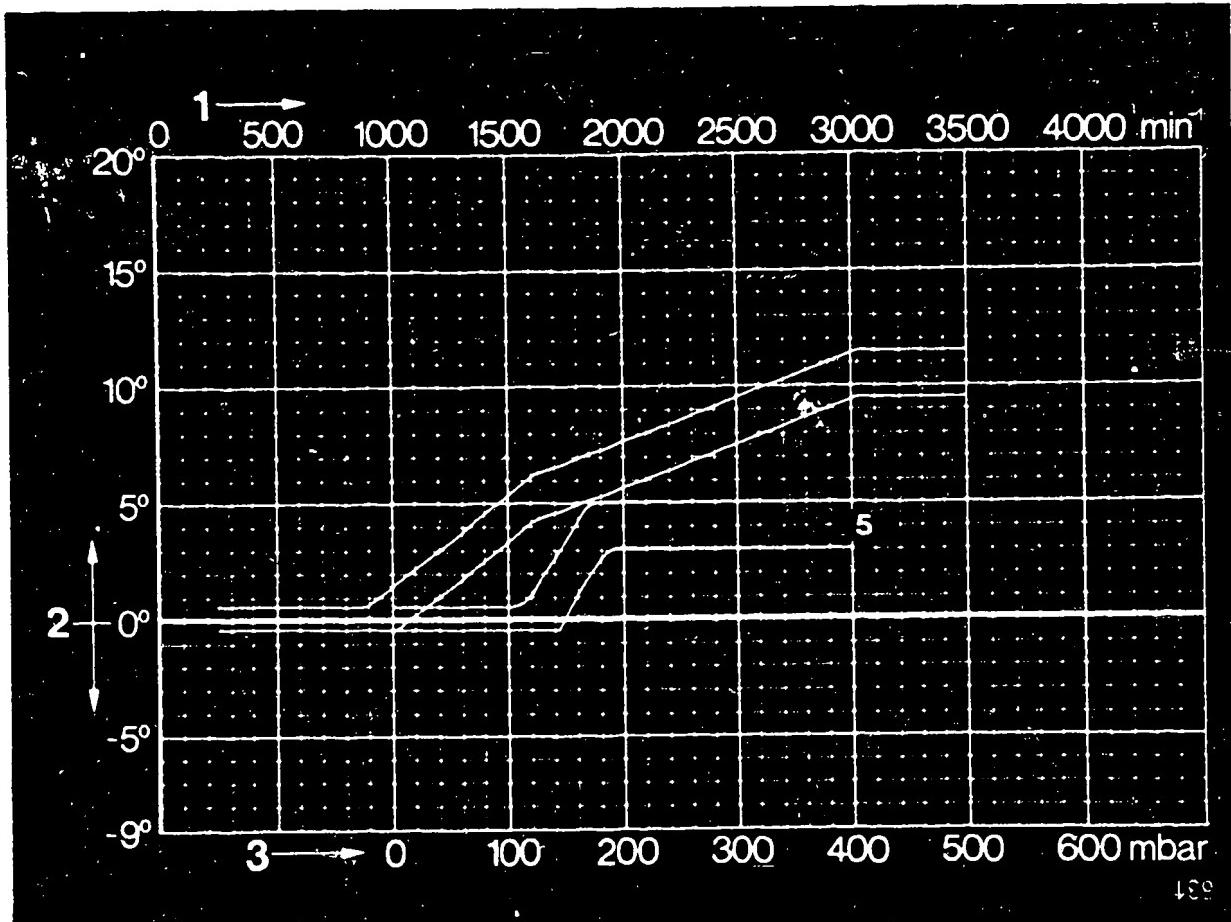
Test instructions: W-231/300

**E16**

Test specifications

Ignition distributors 0 231 ..





0 231 170 327

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

Min. contact gap: 0.35 mm  
 Dwell angle:  $50 \pm 3^\circ$   
 Contact pressure: 5.0...6.3 N  
 Margin for tolerance:  $\pm 0.5^\circ$  dist. shaft

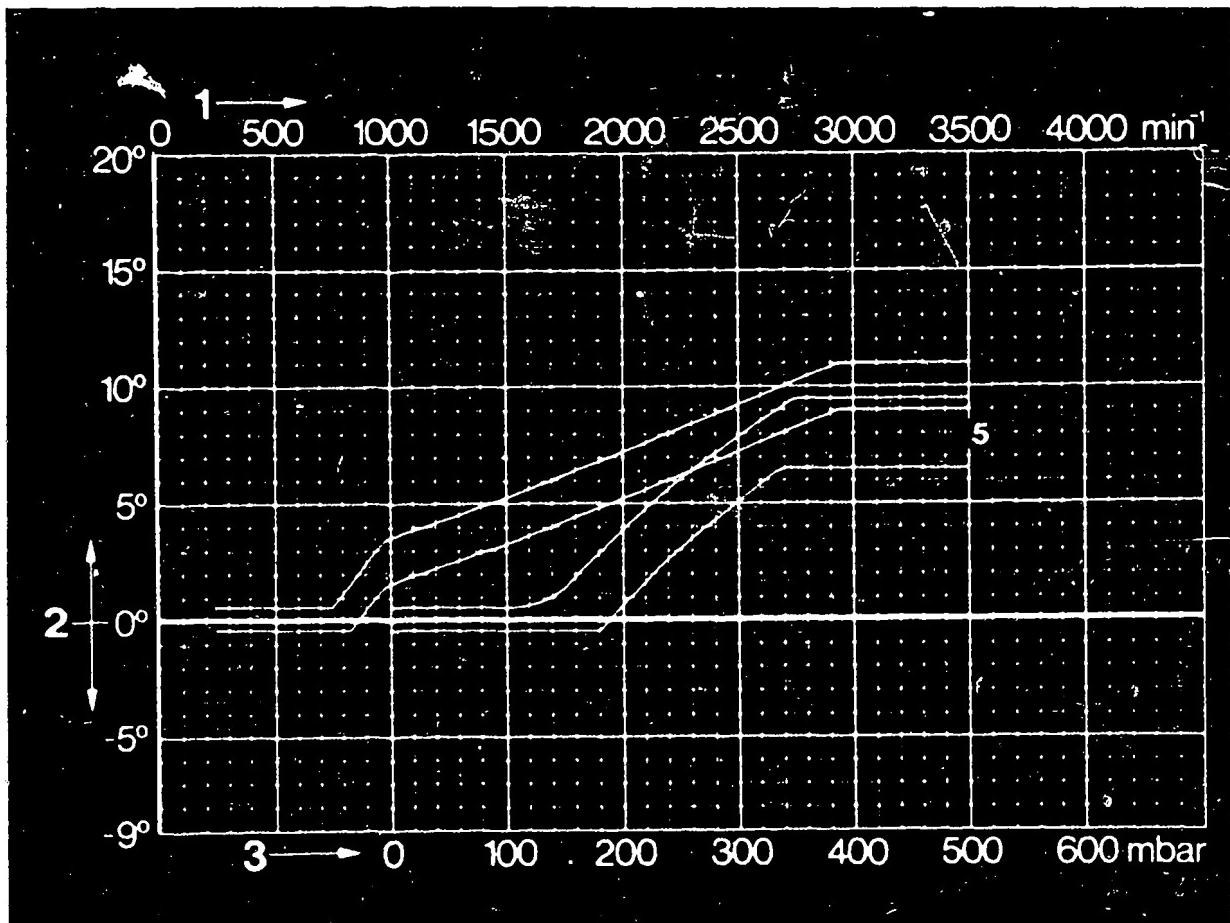
Test instructions: W-231/300

**E17**

Test specifications

Ignition distributors 0 231 ..





0 231 170 328

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

Min. contact gap:	0.35 mm
Dwell angle:	$50 \pm 3^\circ$
Contact pressure:	5.0...6.3 N
Margin for tolerance:	$\pm 0.5^\circ$ dist. shaft

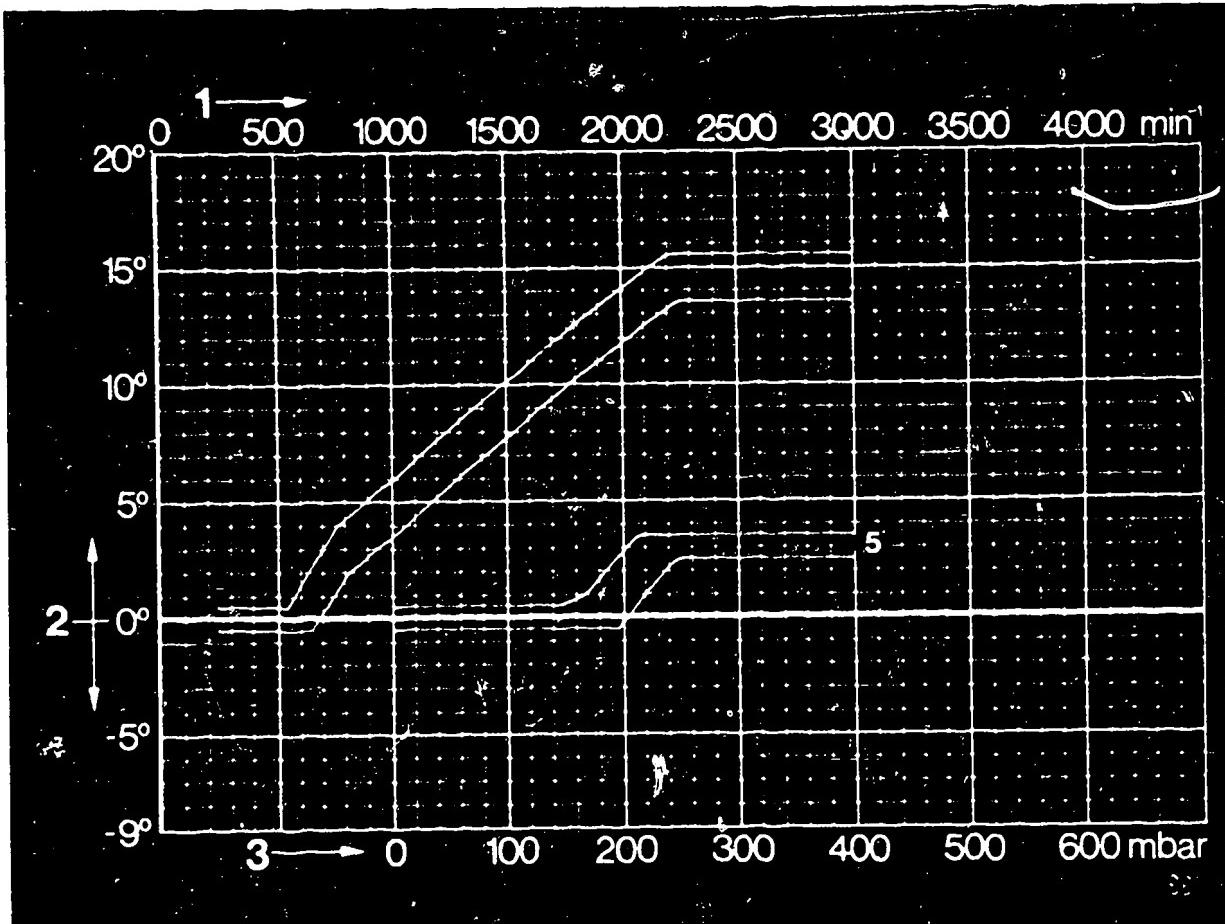
Test instructions: W-231/300

**E18**

Test specifications

Ignition distributors 0 231 ..





0 231 170 333/334

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

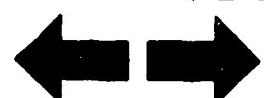
Min. contact gap:	0.46 mm
Dwell angle:	45...49°
Contact pressure:	3.8...5.0 N
Margin for tolerance:	$\pm 0.5^\circ$ dist. shaft

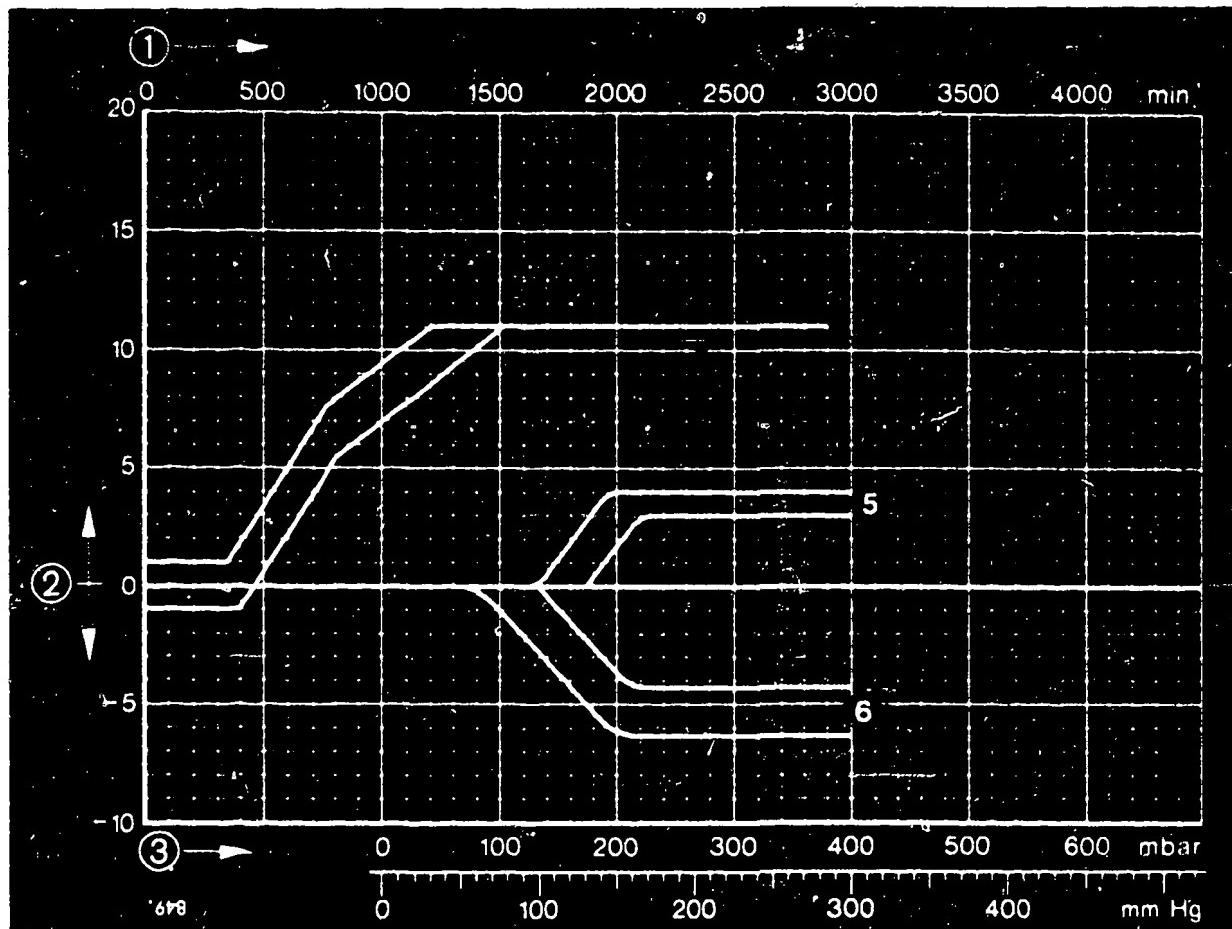
Test instructions: W-231/300

**E19**

Test specifications

Ignition distributors 0 231 ..





0 231 172 019/020

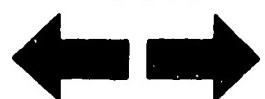
- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance
- 6 = Negative gauge pressure (vacuum) retard

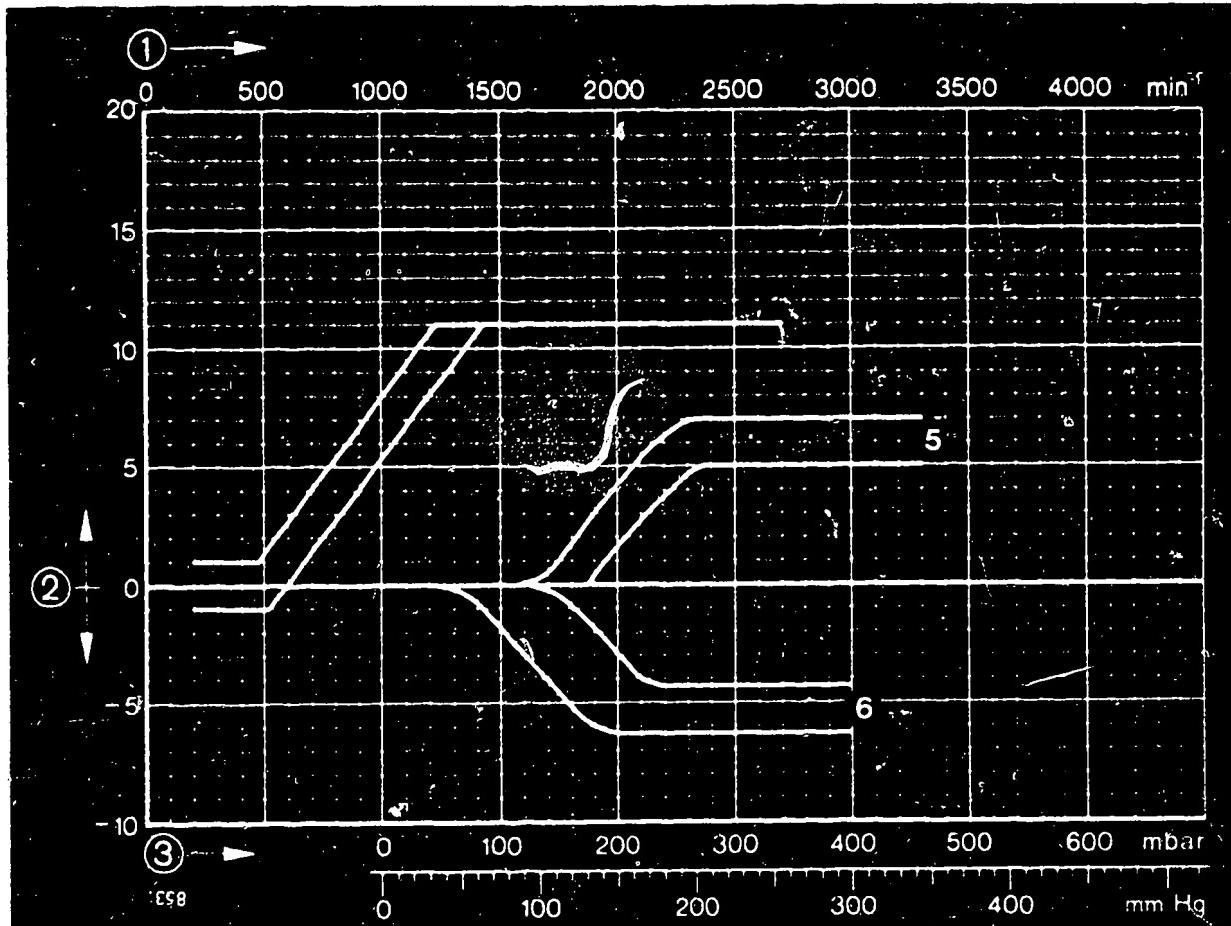
Min. contact gap:	0.45 mm
Dwell angle:	$47 \pm 3^\circ$
Contact pressure:	3.8...5.0 N
Margin for tolerance:	$\pm 0.5^\circ$ dist. shaft
FD:	328 +
Test instructions:	W-231/300

**E20**

Test specifications

Ignition distributors 0 231 ..





0 231 172 021/022

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment in ° distributor shaft
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance
- 6 = Negative gauge pressure (vacuum) retard

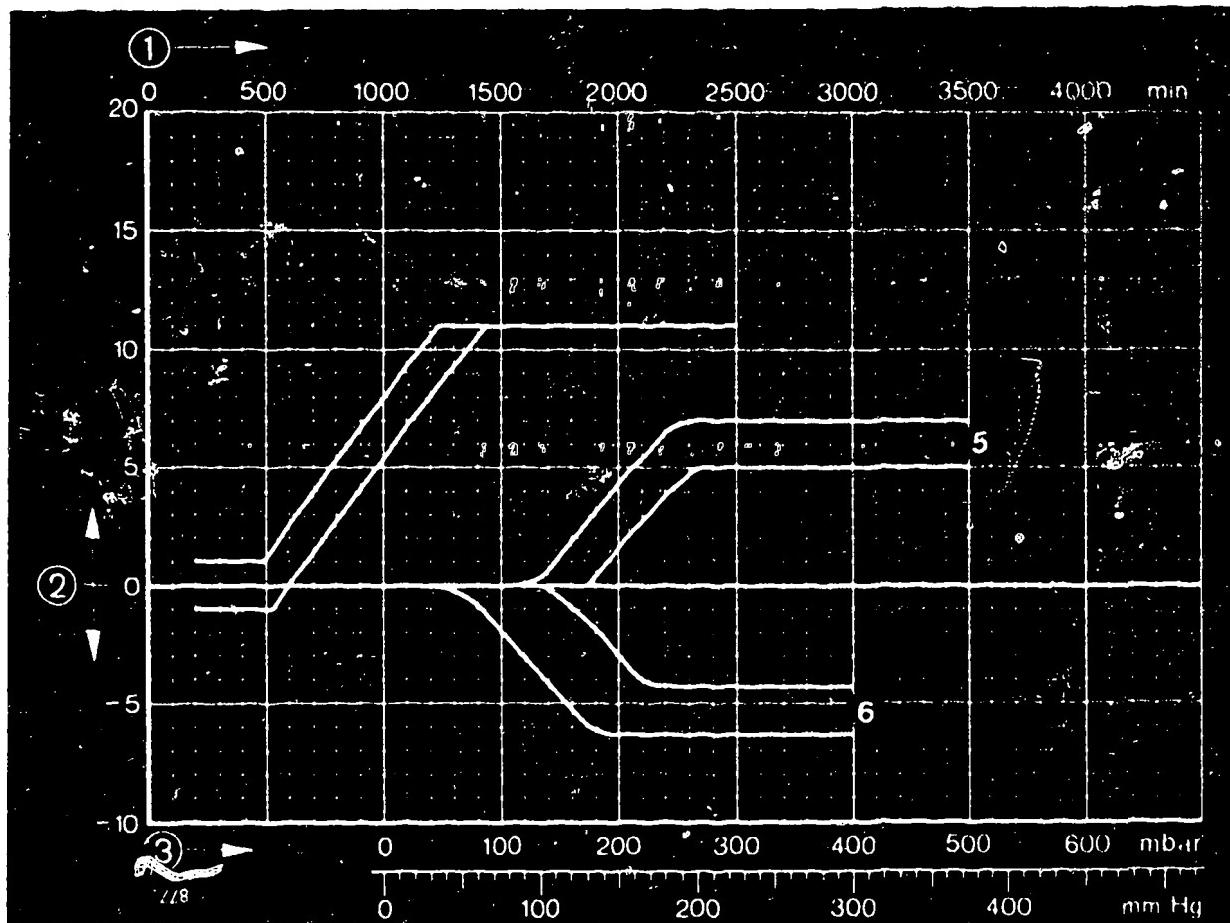
Min. contact gap:	0.45 mm
Dwell angle:	$47 \pm 3^\circ$
Contact pressure:	3.8...5.0 N
Margin for tolerance:	$\pm 0.5^\circ$ dist. shaft
FD:	427 +
Test instructions:	W-231/300

**E21**

Test specifications

Ignition distributors 0 231 ..





0 231 174 011/012

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment in ° distributor shaft
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance
- 6 = Negative gauge pressure (vacuum) retard

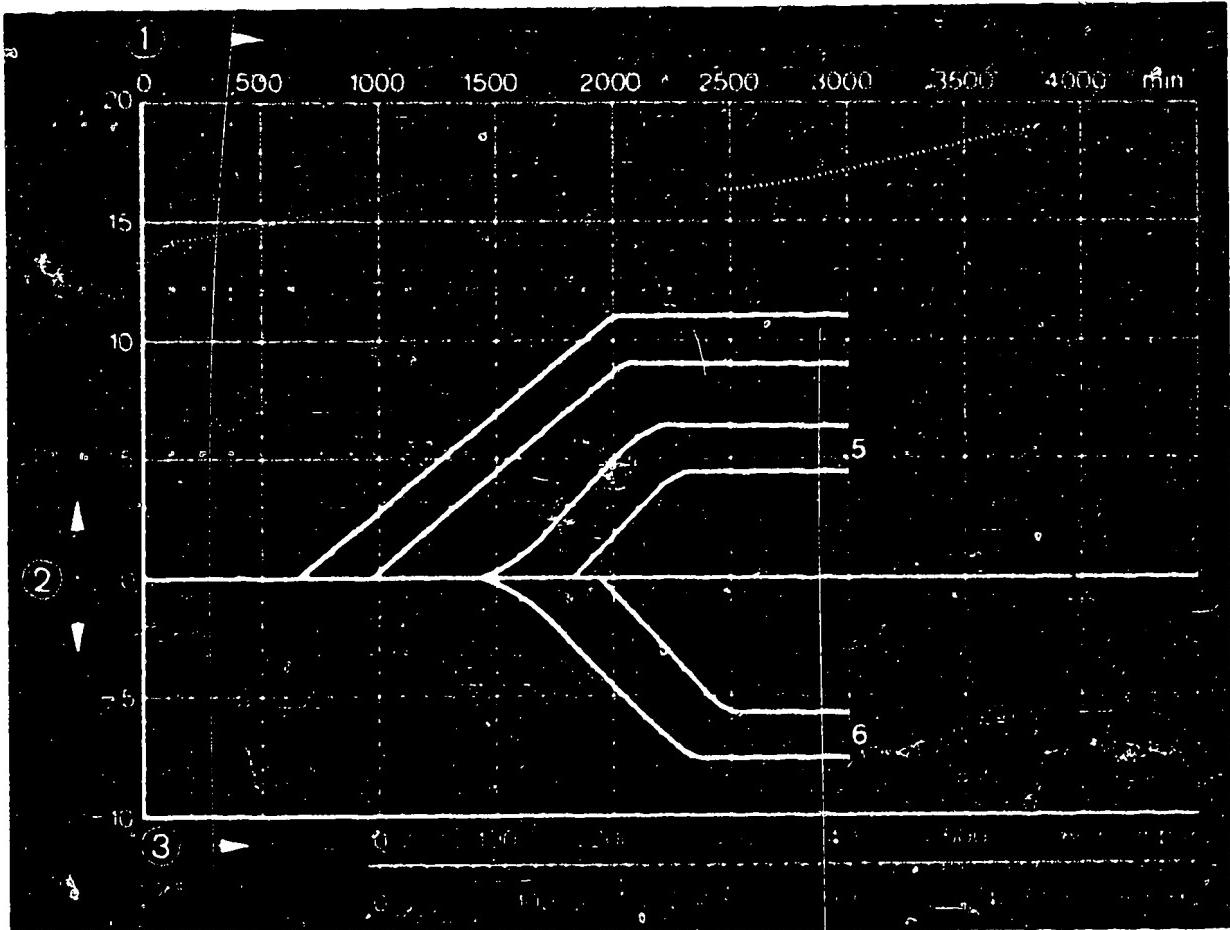
Min. contact gap:	0.45 mm
Dwell angle:	$47 \pm 3^\circ$
Contact pressure:	3.8...5.0 N
Margin for tolerance:	$\pm 0.5^\circ$ dist. shaft
FD:	532 →
Test instructions:	W-231/300

**E22**

Test specifications

Ignition distributors 0 231 ..





0 231 176 013

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance
- 6 = Negative gauge pressure (vacuum) retard

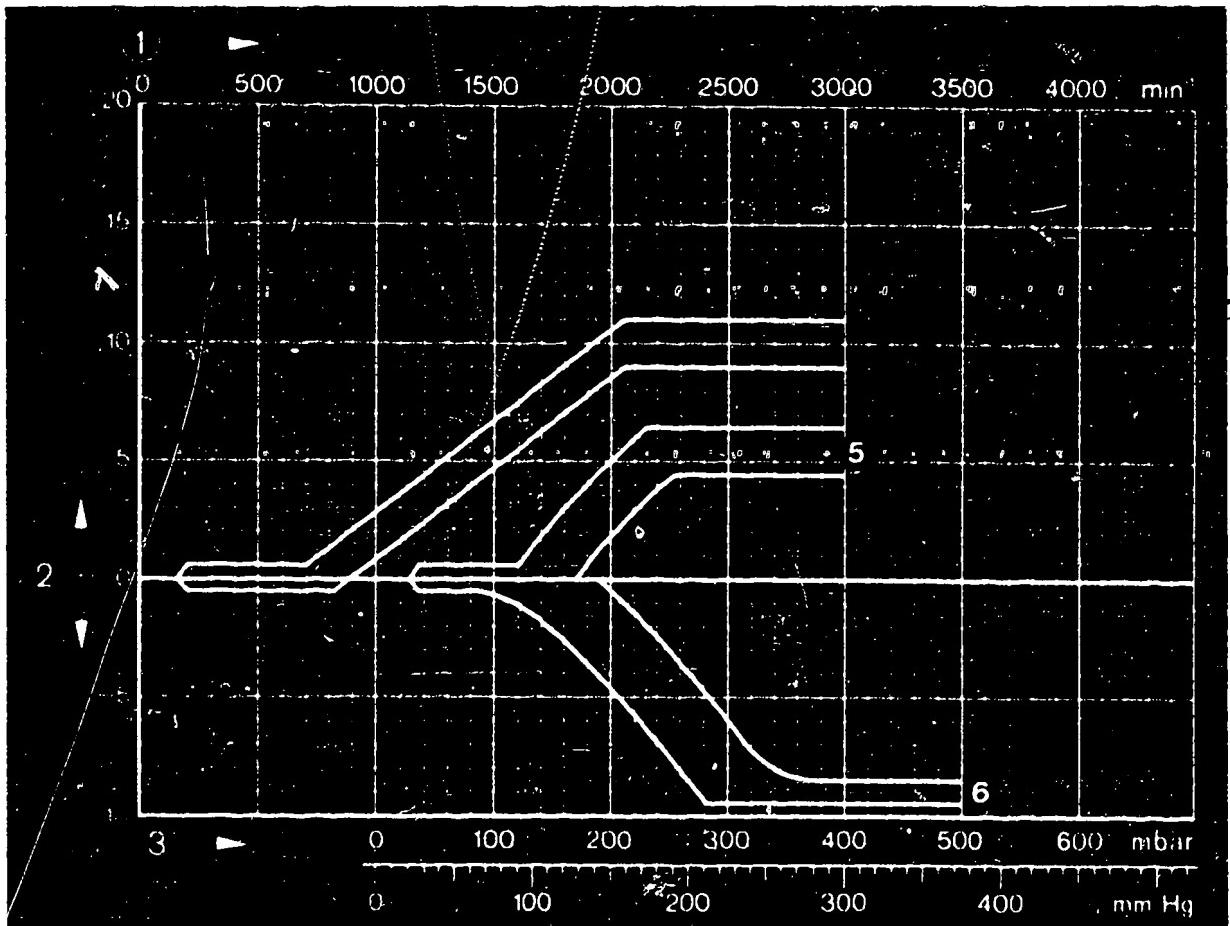
Min. contact gap:	0.45 mm
Dwell angle:	$47 \pm 3^\circ$
Contact pressure:	3.8...5.0 N
Margin for tolerance:	$\pm 0.5^\circ$ dist. shaft
FD:	628 →
Test instructions:	W-231/300

**E23**

Test specifications

Ignition distributors 0 231 ..





0 231 176 039

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment in ° distributor shaft
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance
- 6 = Negative gauge pressure (vacuum) retard

Min. contact gap:	0.45 mm
Dwell angle:	$47 \pm 3^\circ$
Contact pressure:	3.8...5.0 N
Margin for tolerance:	<u><math>\pm 0.5^\circ</math></u> dist. shaft

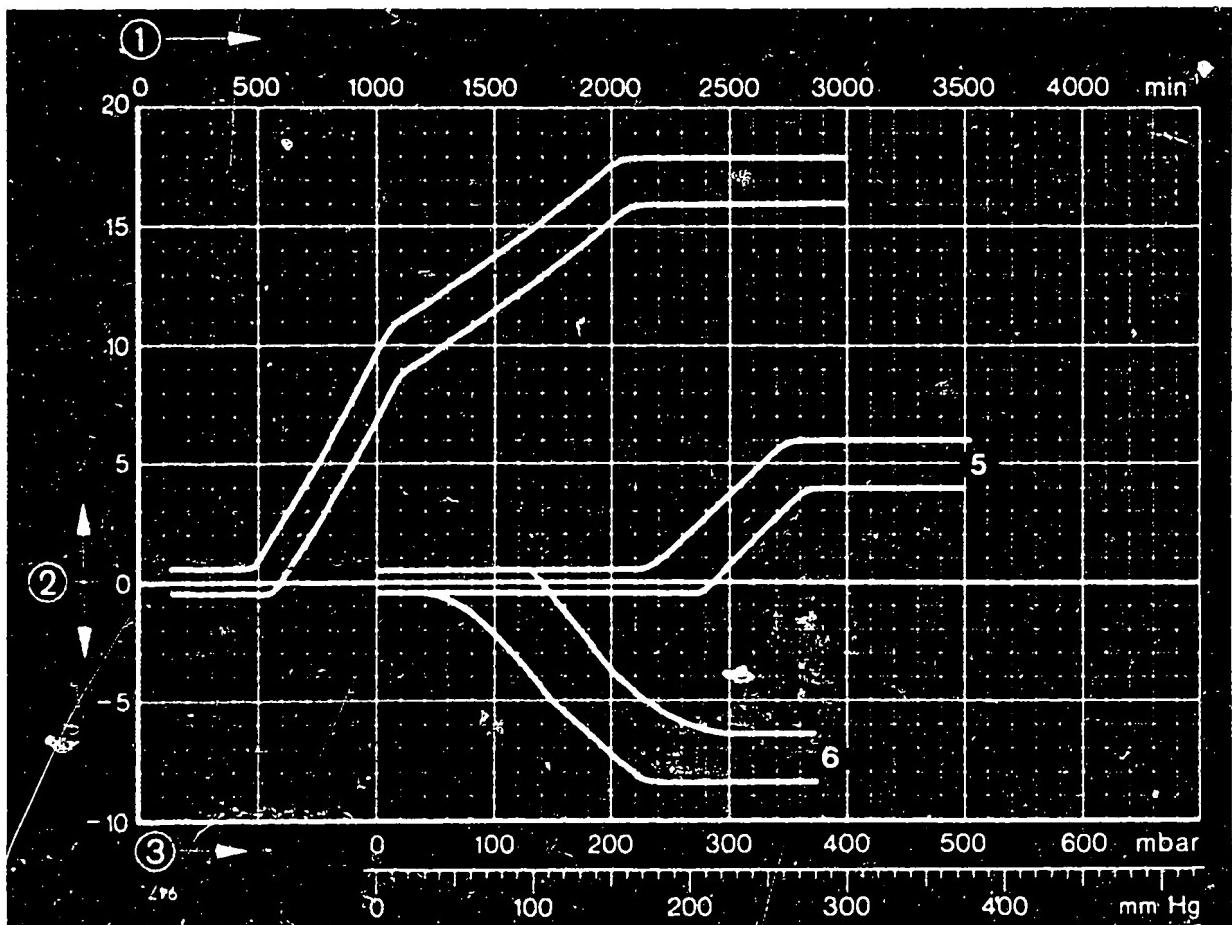
Test instructions: W-231/300

**E24**

Test specifications

Ignition distributors 0 231 ..





0 231 176 084

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment in ° distributor shaft
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance
- 6 = Negative gauge pressure (vacuum) retard

Min. contact gap: 0.35 mm  
 Dwell angle:  $62 \pm 3^\circ$   
 Contact pressure: 5.0...6.3 N  
 Margin for tolerance:  $\pm 0.5^\circ$  dist. shaft

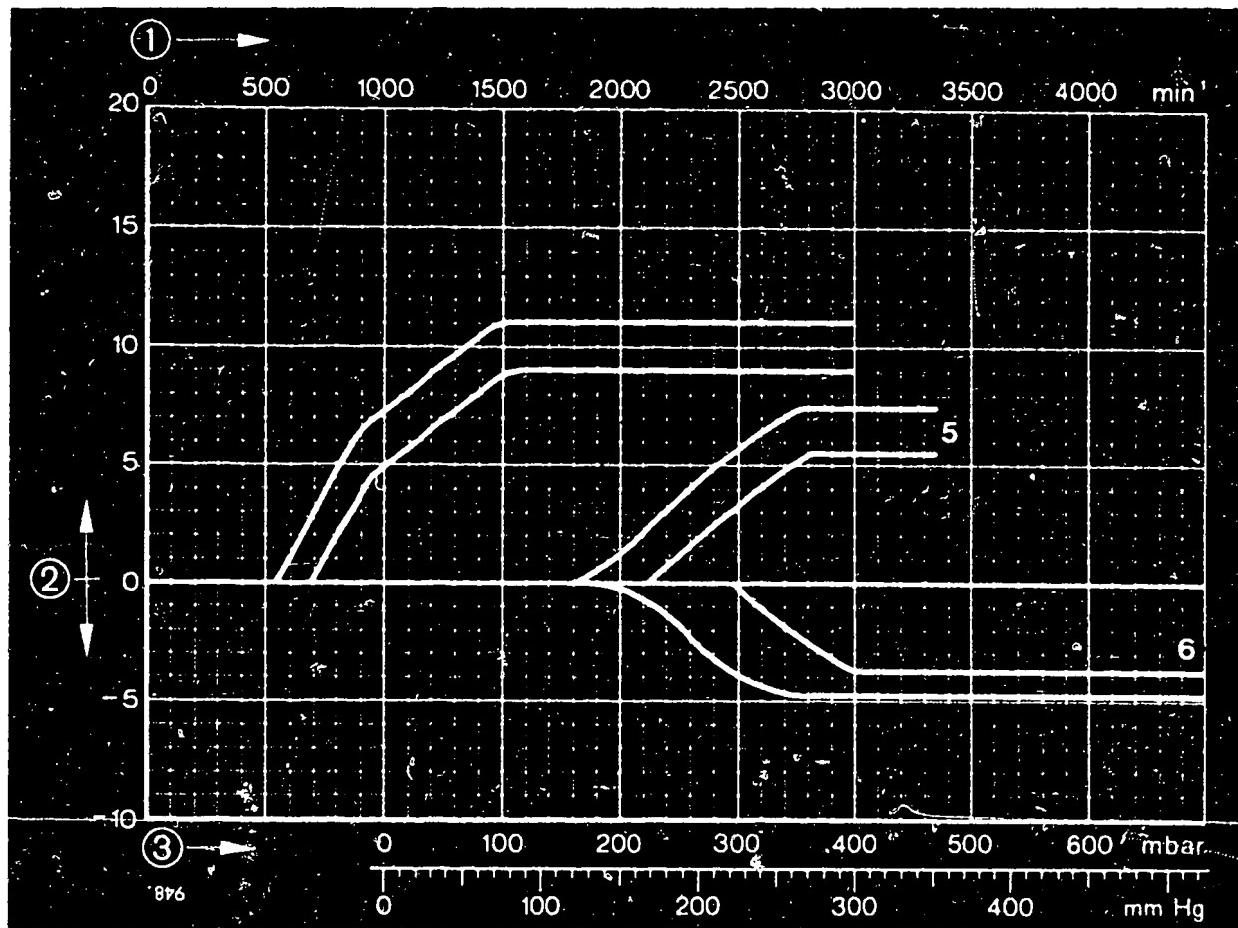
Test instructions: W-231/300

F1

Test specifications

Ignition distributors 0 231 ..





0 231 176 085

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment in ° distributor shaft
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance
- 6 = Negative gauge pressure (vacuum) retard

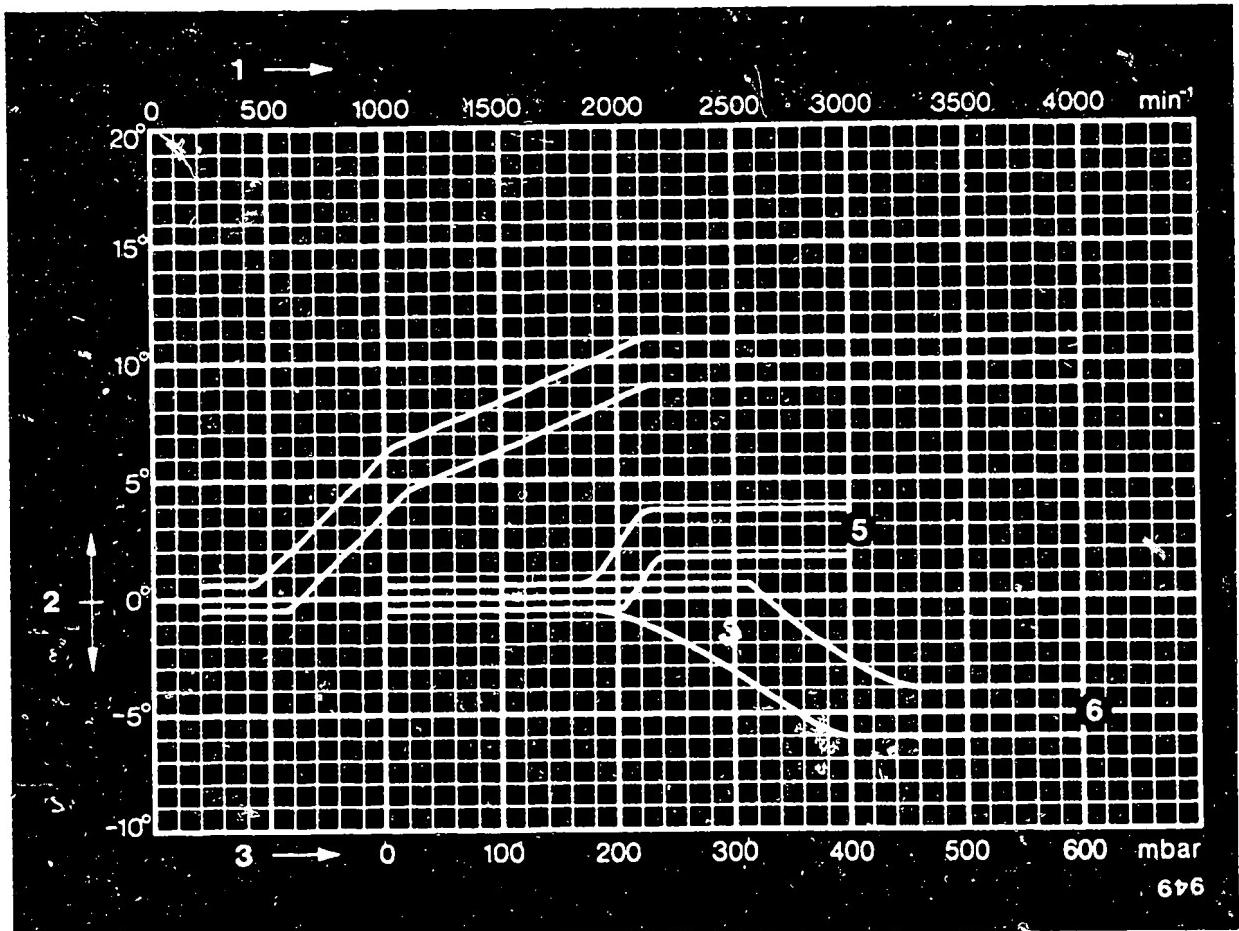
Min. contact gap:	0.45 mm
Dwell angle:	$47 \pm 3^\circ$
Contact pressure:	3.8...5.0 N
Margin for tolerance:	$\pm 0.5^\circ$ dist. shaft
Test instructions:	W-231/300

F2

Test specifications

Ignition distributors 0 231 ..





0 231 176 087/088

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance
- 6 = Negative gauge pressure (vacuum) retard

Min. contact gap:	0.40 mm
Dwell angle:	$50 \pm 3^\circ$
Contact pressure:	5.0...6.3 N
Margin for tolerance:	$\pm 0.5^\circ$ dist. shaft

Test instructions: W-231/300

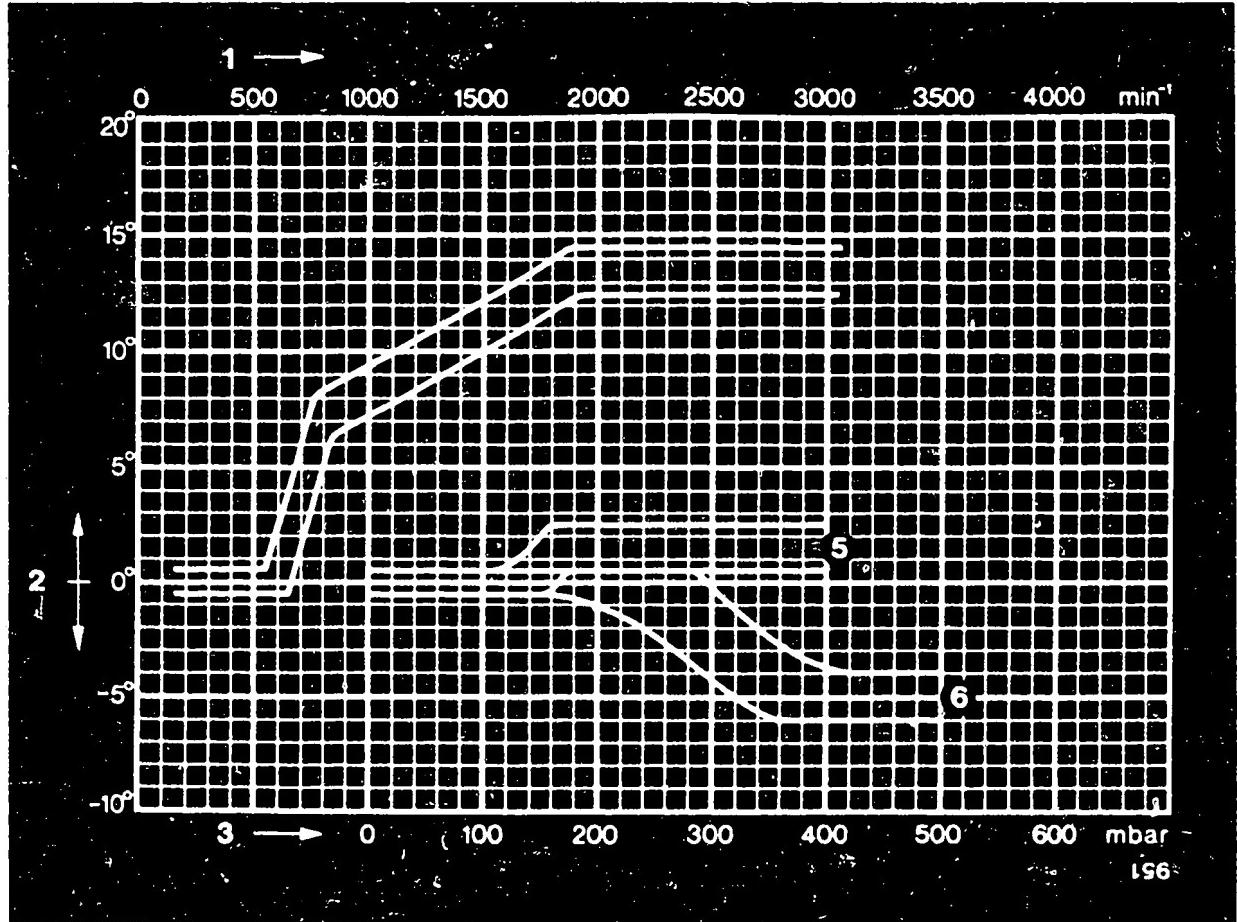
Clamping flange:	1 685 700 133
Driver:	1 686 400 003

F3

Test specifications

Ignition distributors 0 231 ..





0 231 176 089

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance
- 6 = Negative gauge pressure (vacuum) retard

Min. contact gap: 0.40 mm

Dwell angle:  $50 \pm 3^\circ$

Contact pressure: 5.0...6.3 N

Margin for tolerance:  $\pm 0.5^\circ$  disc. shaft

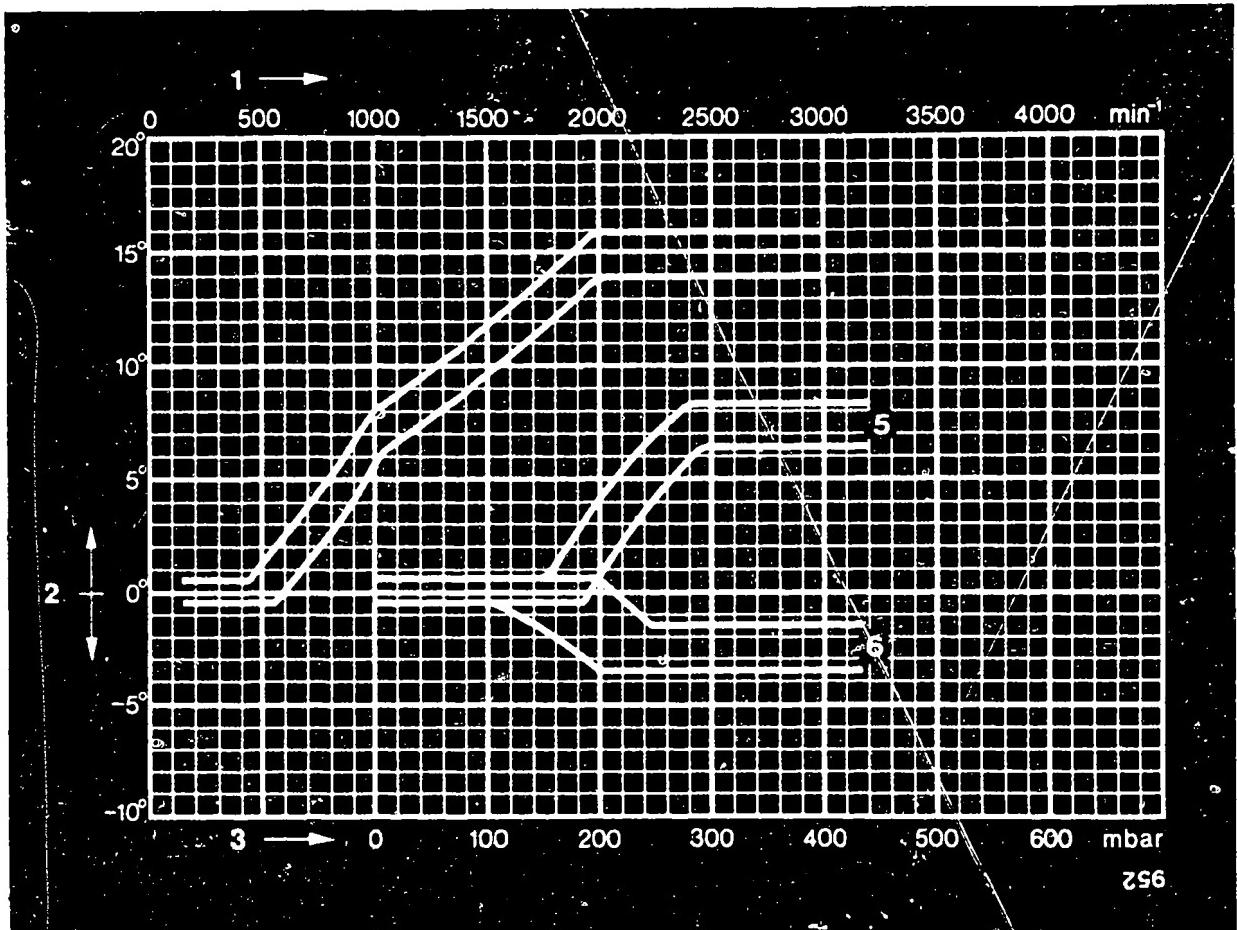
Test instructions: W-231/300

**F4**

Test specifications

Ignition distributors 0 231 ..





0 231 176 103

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance
- 6 = Negative gauge pressure (vacuum) retard

Min. contact gap:	0.35 mm
Dwell angle:	$50 \pm 3^\circ$
Contact pressure:	6.5...8.0 N
Margin for tolerance:	$\pm 0.5^\circ$ dist. shaft

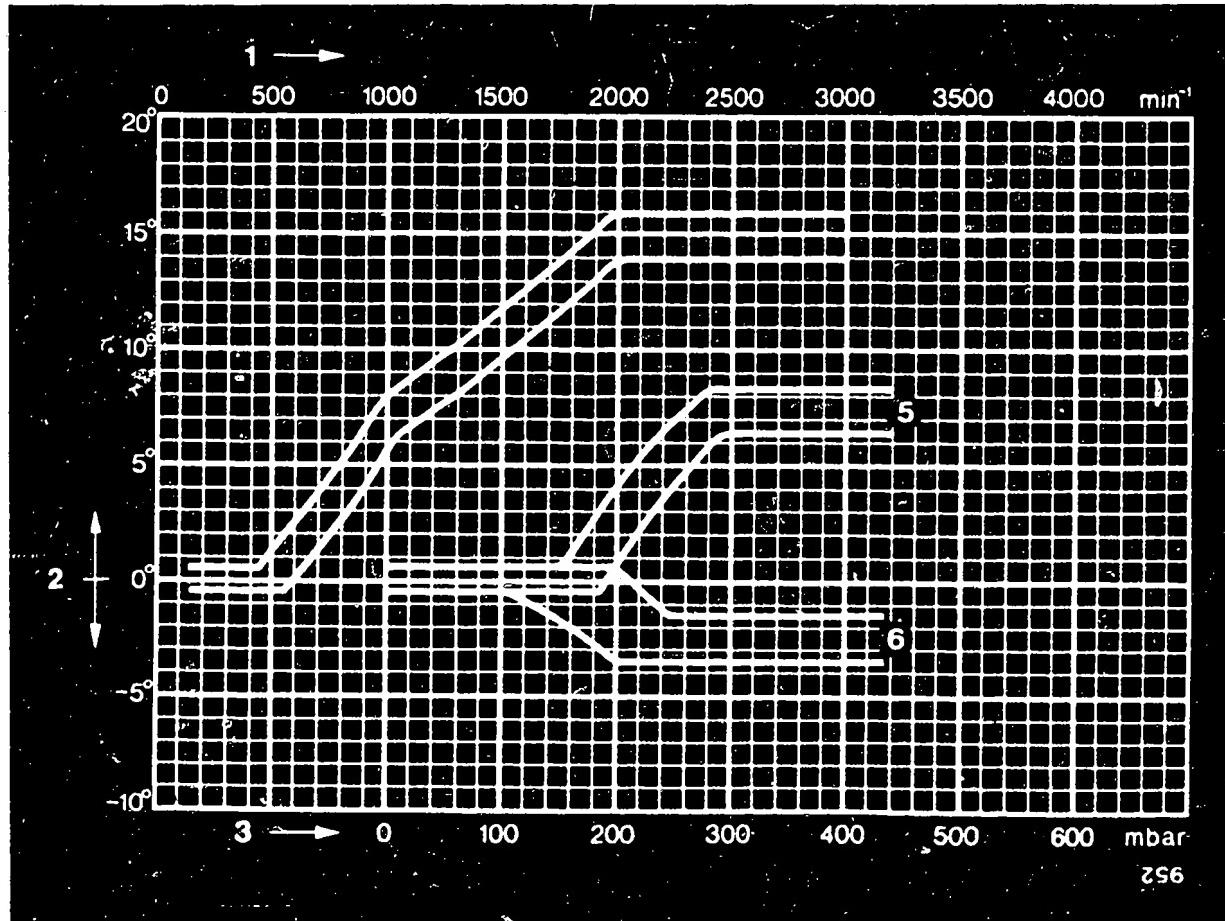
Test instructions: W-231/300

F5

Test specifications

Ignition distributors 0 231 ..





0 231 176 013

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance
- 6 = Negative gauge pressure (vacuum) retard

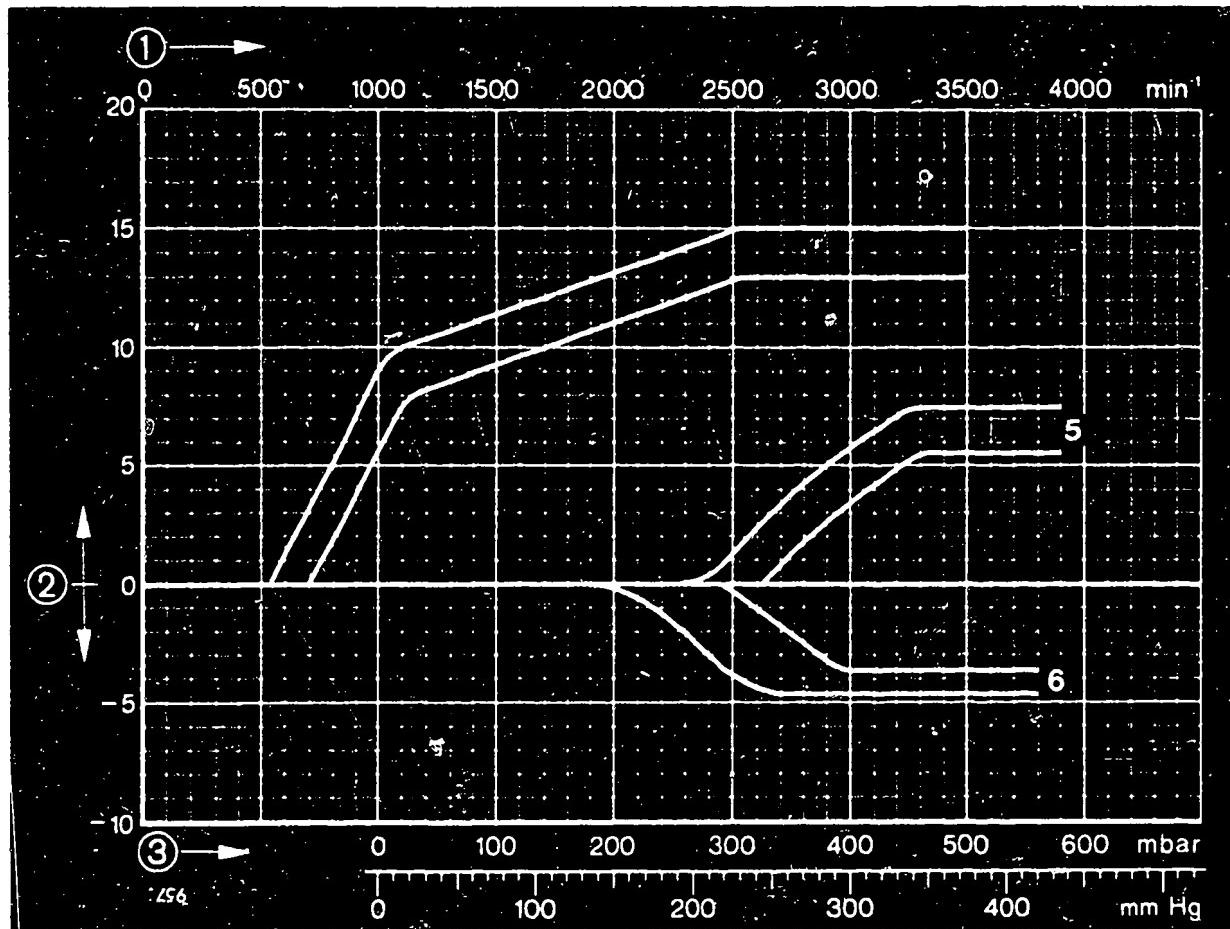
Min. contact gap: 0.40 mm  
 Dwell angle:  $62 \pm 3^\circ$   
 Contact pressure: 5.0...6.3 N  
 Margin for tolerance:  $\pm 0.5^\circ$  dist. shaft  
 FD: 921 →  
 Test instructions: W-231/300

F6

Test specifications

Ignition distributors 0 231 ..





0 231 176 106/107

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment in ° distributor shaft
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance
- 6 = Negative gauge pressure (vacuum) retard

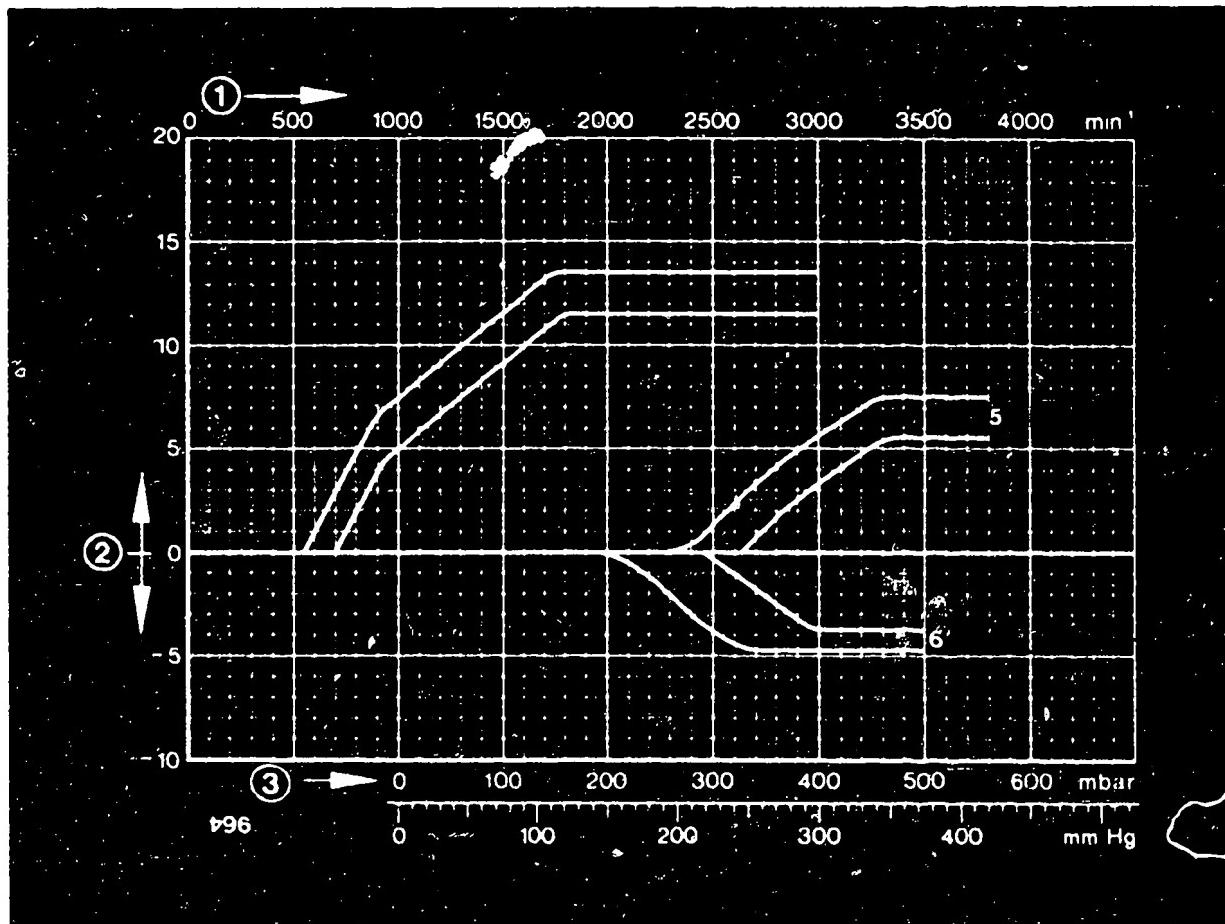
Min. contact gap:	0.45 mm
Dwell angle:	47 $\pm$ 3 °
Contact pressure:	3.8...5.0 N
Margin for tolerance:	$\pm$ 0.5° dist. shaft
FD:	532 →
Test instructions:	W-231/300

F7

Test specifications

Ignition distributors 0 231 ..





0 231 176 112/113

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment in ° distributor shaft
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance
- 6 = Negative gauge pressure (vacuum) retard

Min. contact gap:	0.35 mm
Dwell angle:	$50 \pm 3^\circ$
Contact pressure:	5.0...6.3 N
Margin for tolerance:	$\pm 0.5^\circ$ dist. shaft

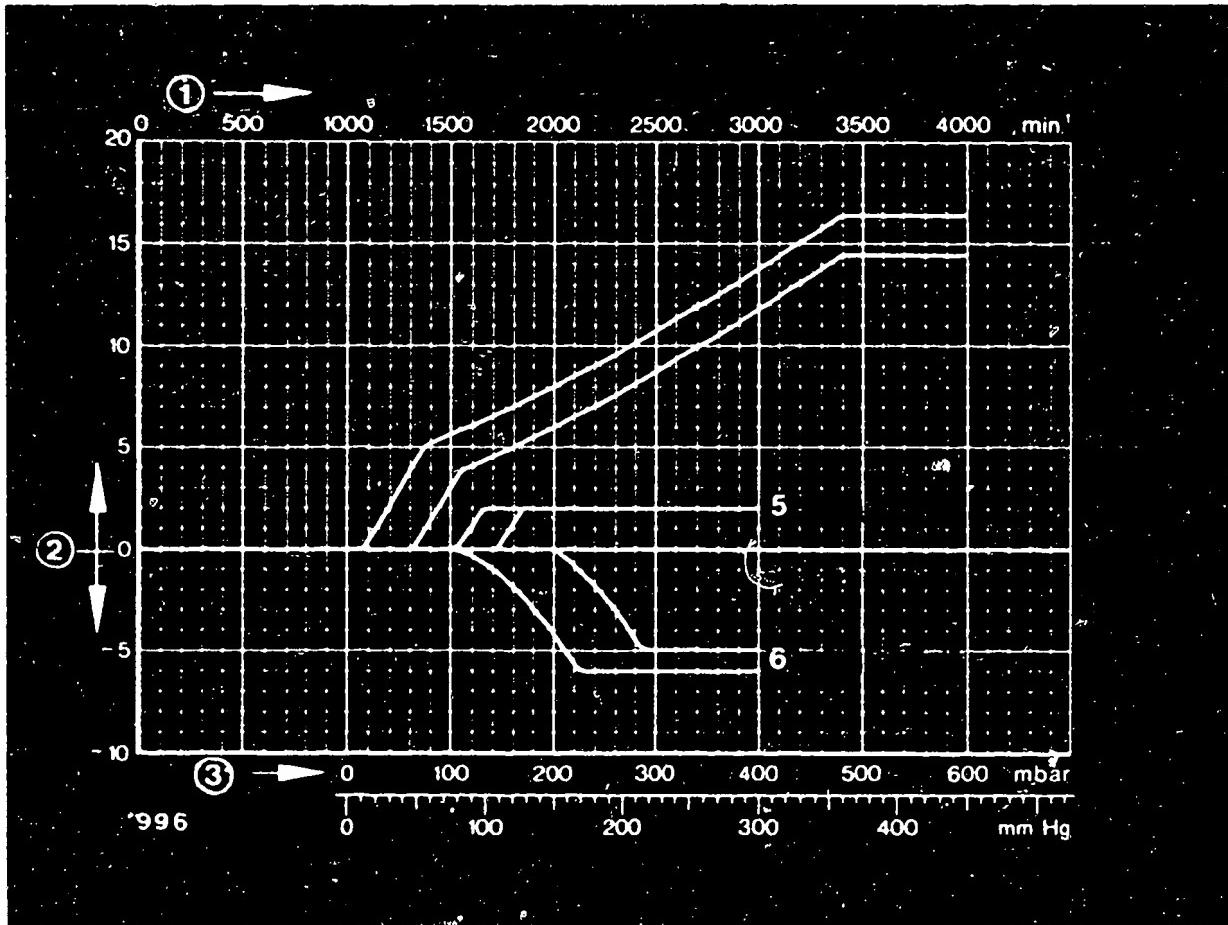
Test instructions: W-231/300

**F8**

Test specifications

Ignition distributors 0 231 ..





0 231 176 114

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment in ° distributor shaft
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance
- 6 = Negative gauge pressure (vacuum) retard

Min. contact gap:	0.45 mm
Dwell angle:	$47 \pm 3^\circ$
Contact pressure:	3.8...5.0 N
Margin for tolerance:	$\pm 0.5^\circ$ dist. shaft

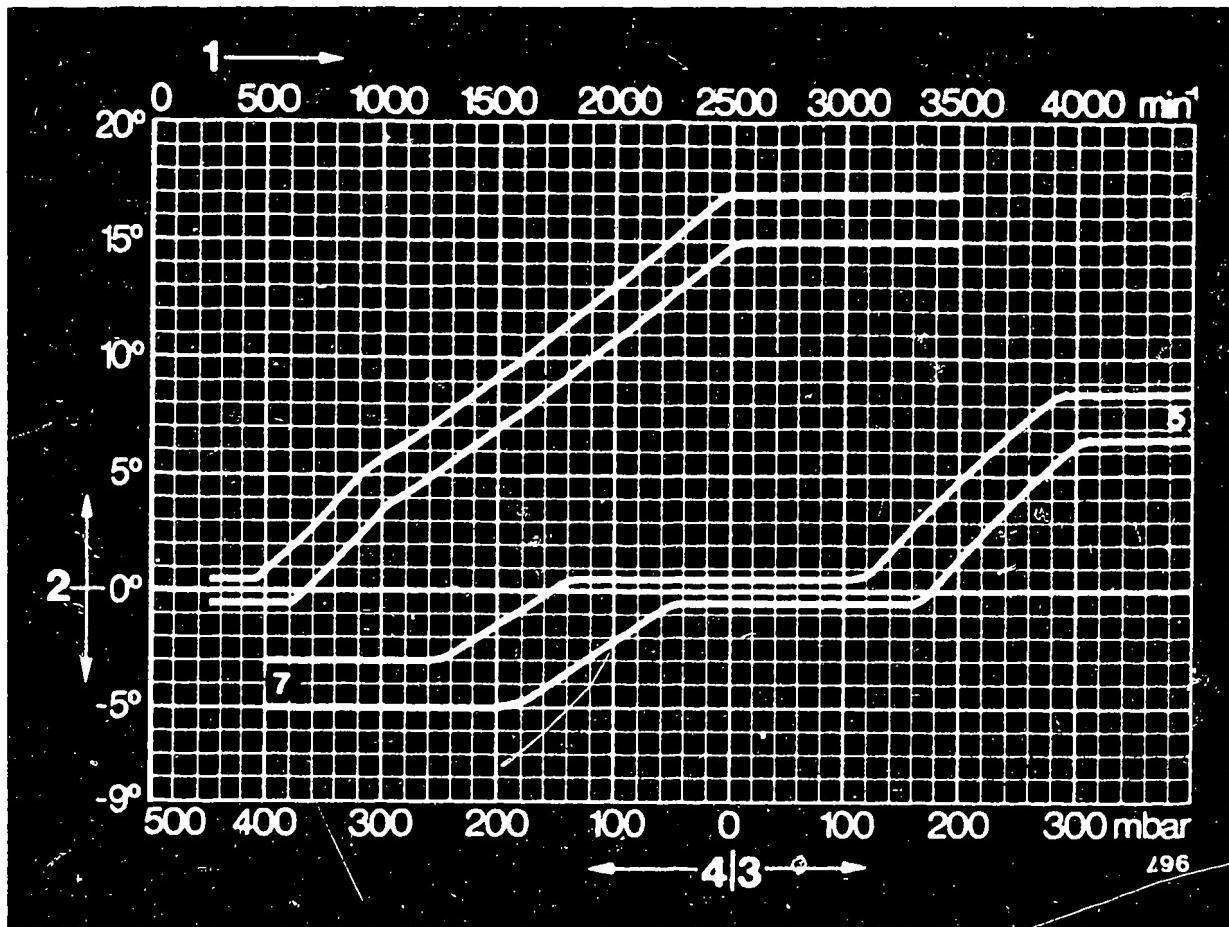
Test instructions: W-231/300

F9

Test specifications

Ignition distributors 0 231 ..





0 231 176 121

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance
- 7 = Gauge pressure retard

Min. contact gap:	0.35 mm
Dwell angle:	$50 \pm 3^\circ$
Contact pressure:	6.5...8.0 N
Margin for tolerance:	$\pm 0.5^\circ$ dist. shaft

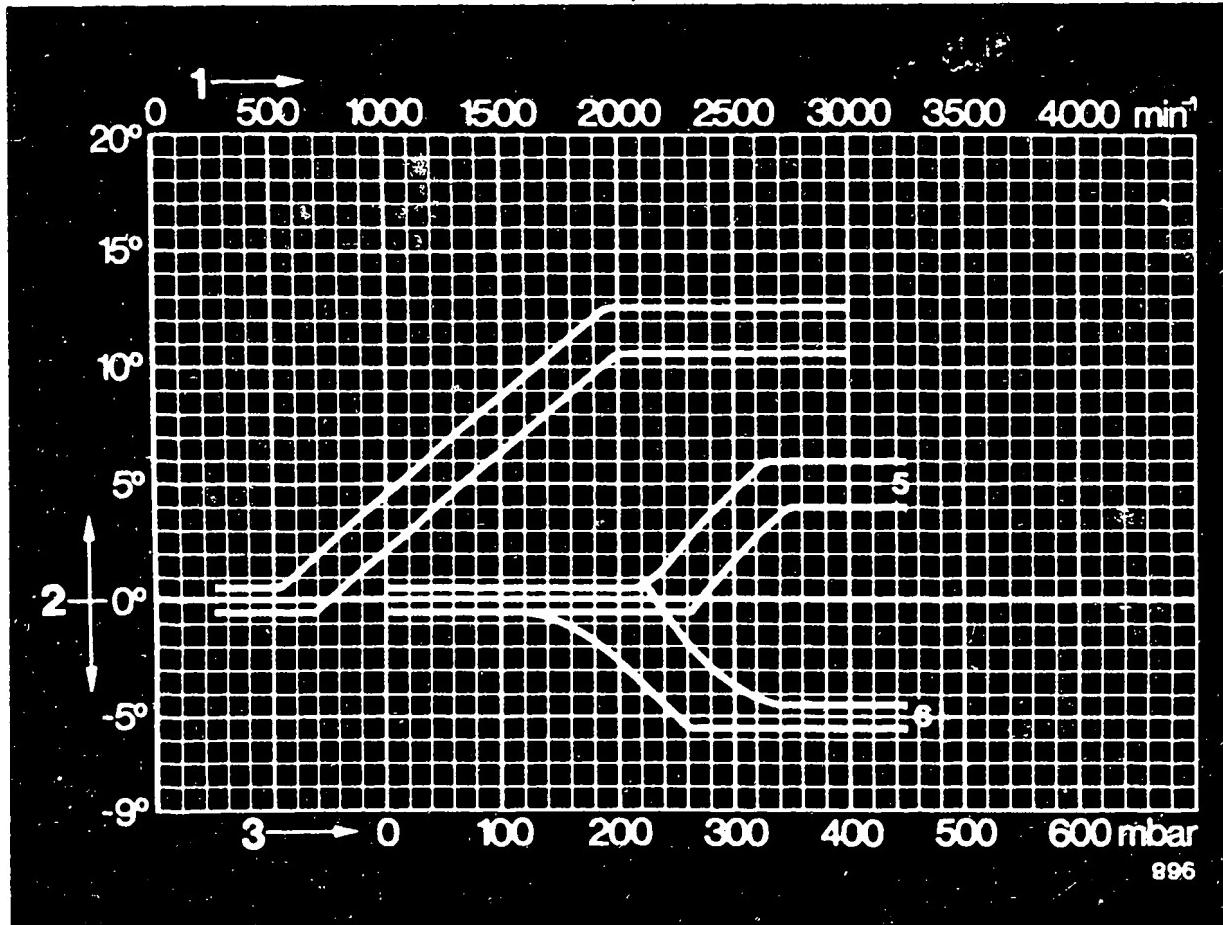
Test instructions: W-231/300

F10

Test specifications

Ignition distributors 0 231 ..





0 231 176 122/123

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance
- 6 = Negative gauge pressure (vacuum) retard

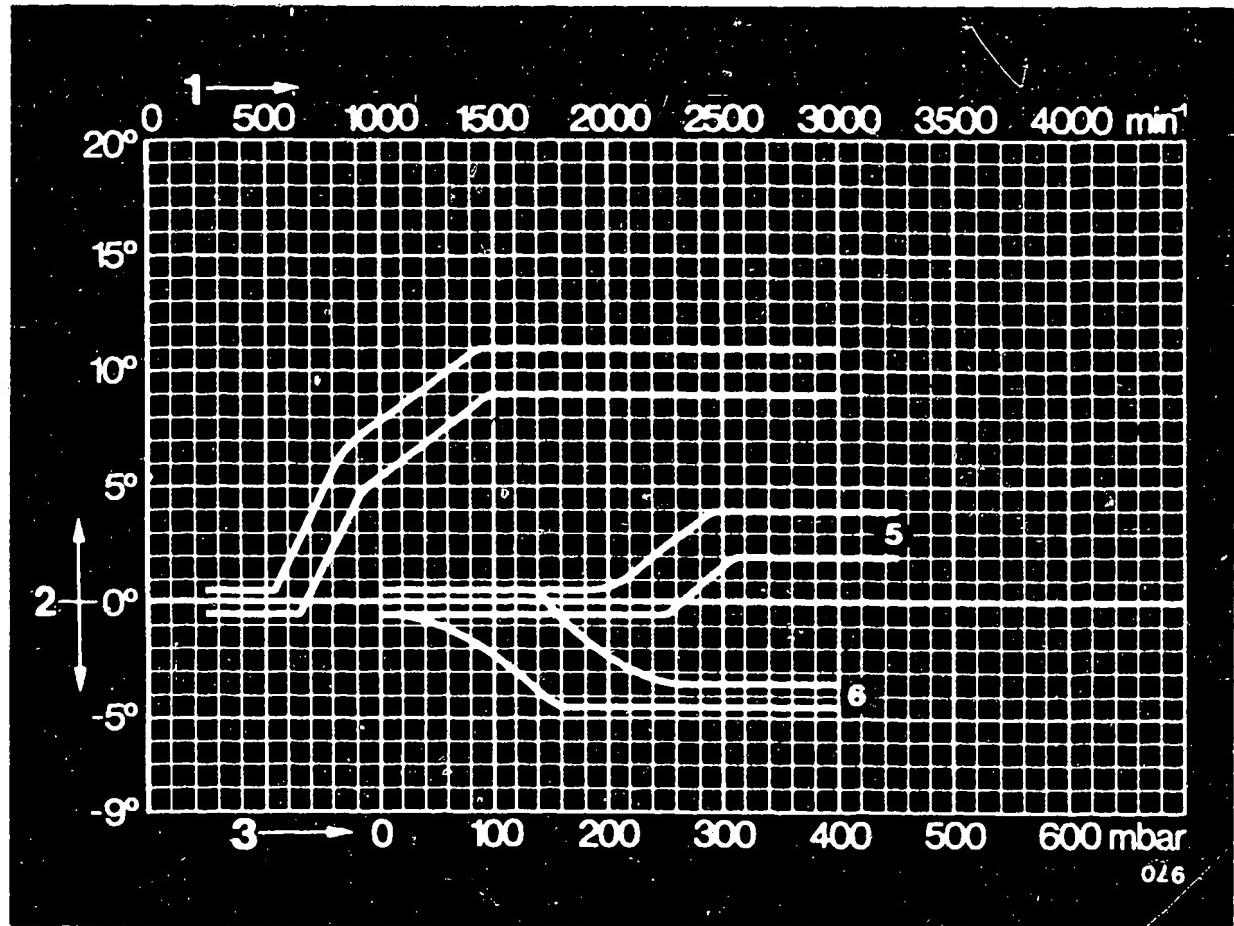
Min. contact gap:	0.45 mm
Dwell angle:	47 $\pm$ 3°
Contact pressure:	3.8...5.0 N
Margin for tolerance:	$\pm$ 0.5° dist. shaft
Test instructions:	W-231/300

**F11**

Test specifications

Ignition distributors 0 231 ..





0 231 176 124/125

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance
- 6 = Negative gauge pressure (vacuum) retard

Min. contact gap:	0.45 mm
Dwell angle:	$47 \pm 3^\circ$
Contact pressure:	3.8...5.0 N
Margin for tolerance:	$\pm 0.5^\circ$ dist. shaft

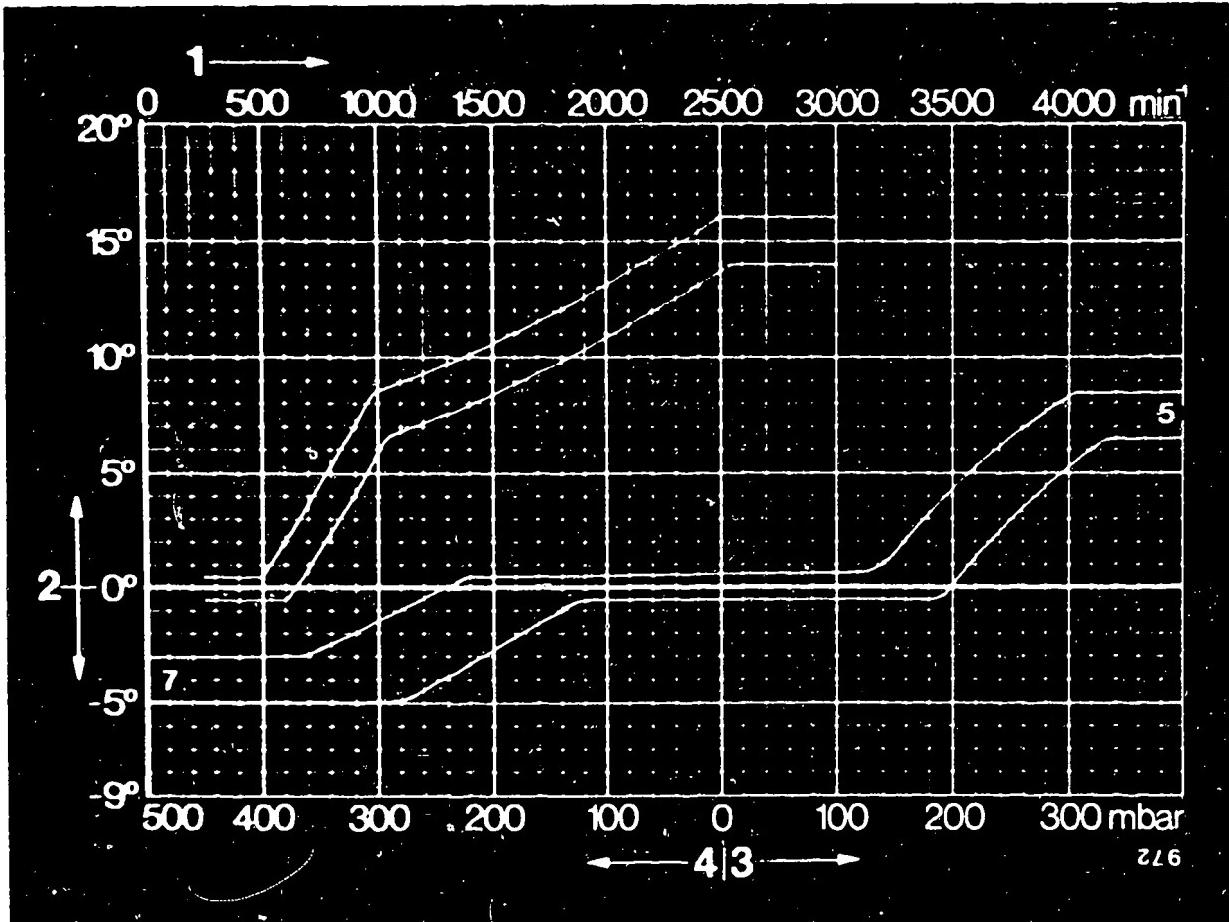
Test instructions: W-231/300

F12

Test specifications

Ignition distributors 0 231 ..





0 231 176 126

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance
- 7 = Gauge pressure retard

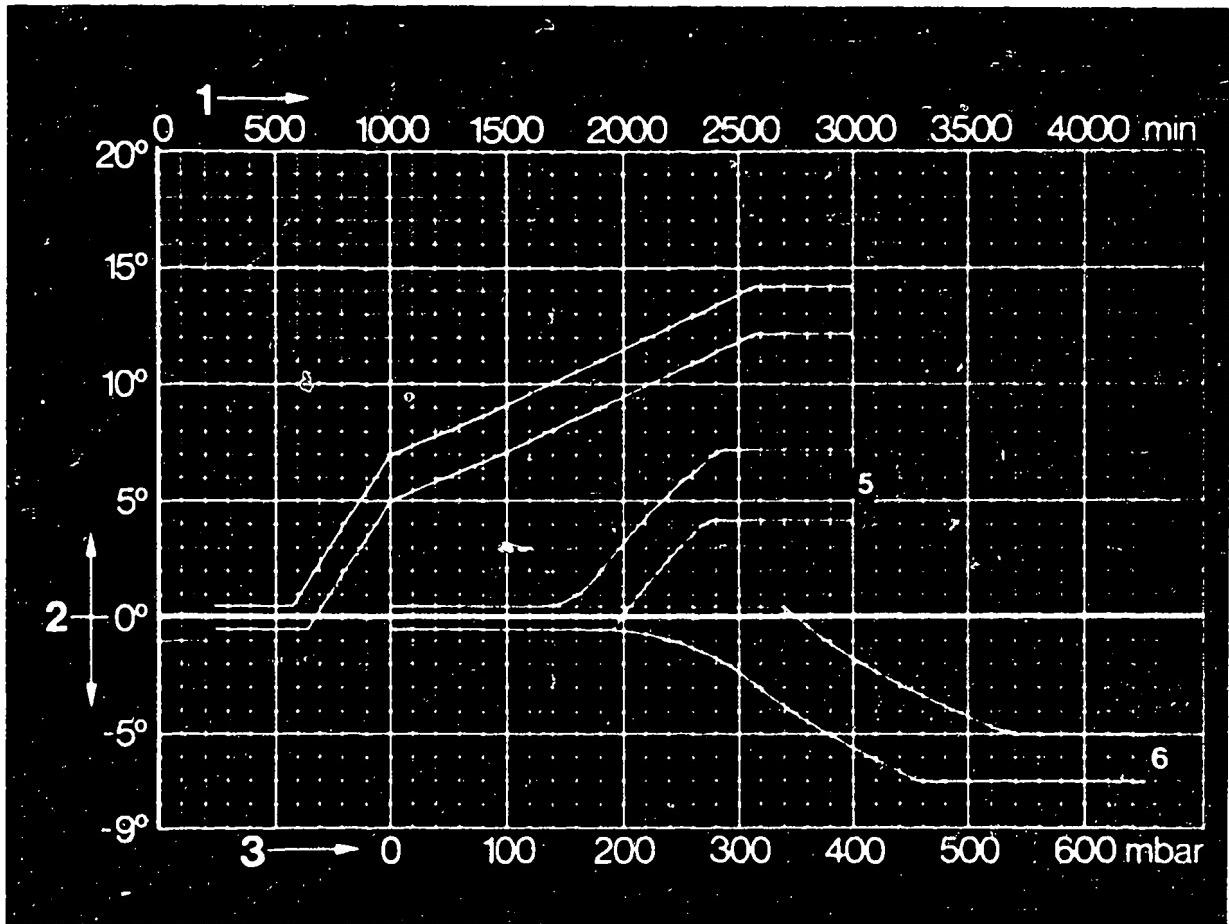
Min. contact gap:	0.35 mm
Dwell angle:	$62 \pm 3^\circ$
Contact pressure:	6.5...8.0 N
Margin for tolerance:	$\pm 0.5^\circ$ dist. shaft
Test instructions:	W-231/300

**F13**

Test specifications

Ignition distributors 0 231 ..





0 231 176 127

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance
- 6 = Negative gauge pressure (vacuum) retard

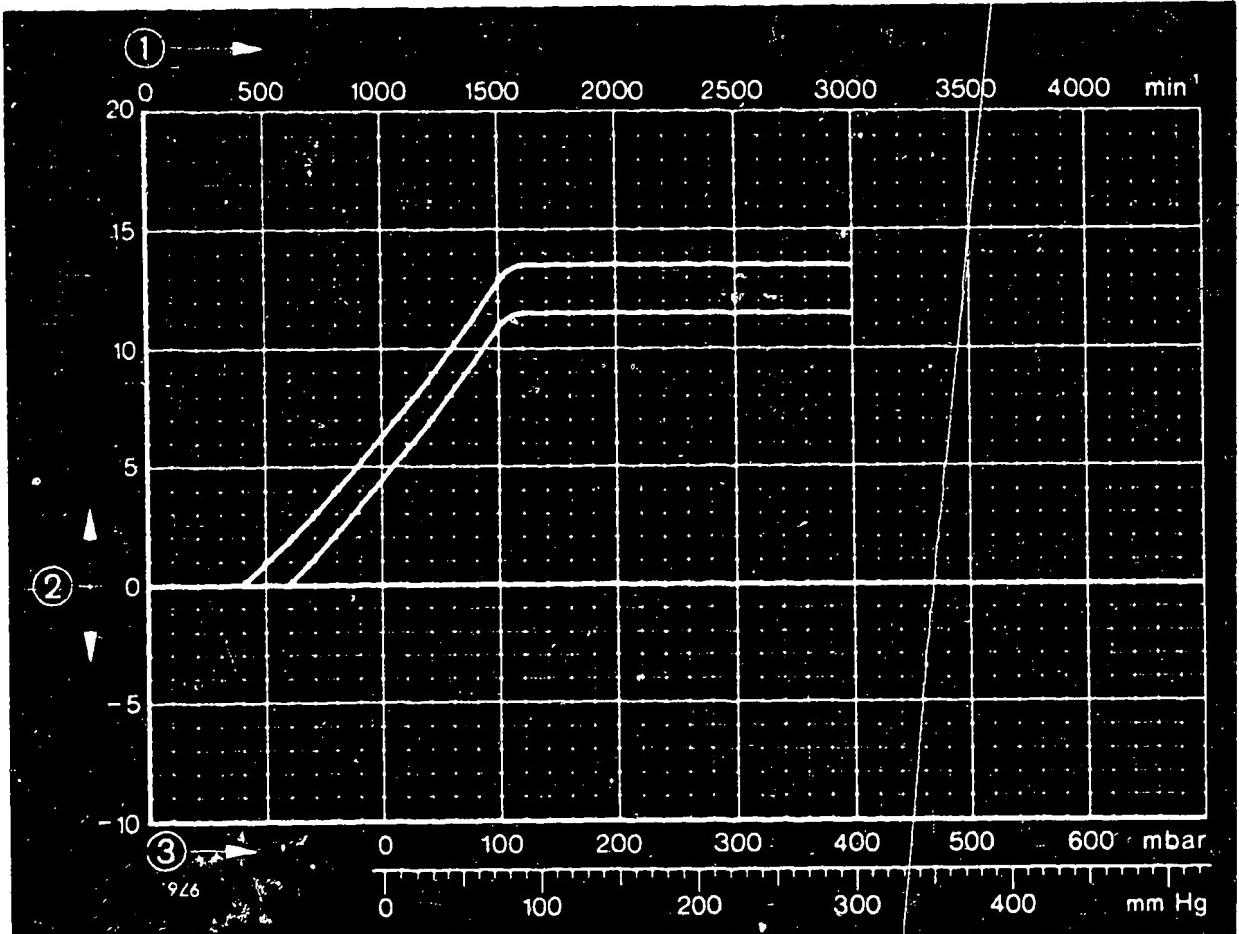
Min. contact gap:	0.35 mm
Dwell angle:	50 <u>+</u> 3°
Contact pressure:	5.0...6.3 N
Margin for tolerance:	<u>±</u> 0.5° dist. shaft
Test instructions:	W-231/300

F14

Test specifications

Ignition distributors 0 231 ..





0 231 178 001

1 = Rotational speed, distributor shaft

2 = Distributor shaft adjustment in ° distributor shaft

3 = Negative gauge pressure (vacuum)

Min. contact gap: 0.40 mm

Dwell angle:  $62 \pm 3^\circ$

Contact pressure: 6.5...8.0 N

Margin for tolerance:  $\pm 0.5^\circ$  dist. shaft

FD: 623 →

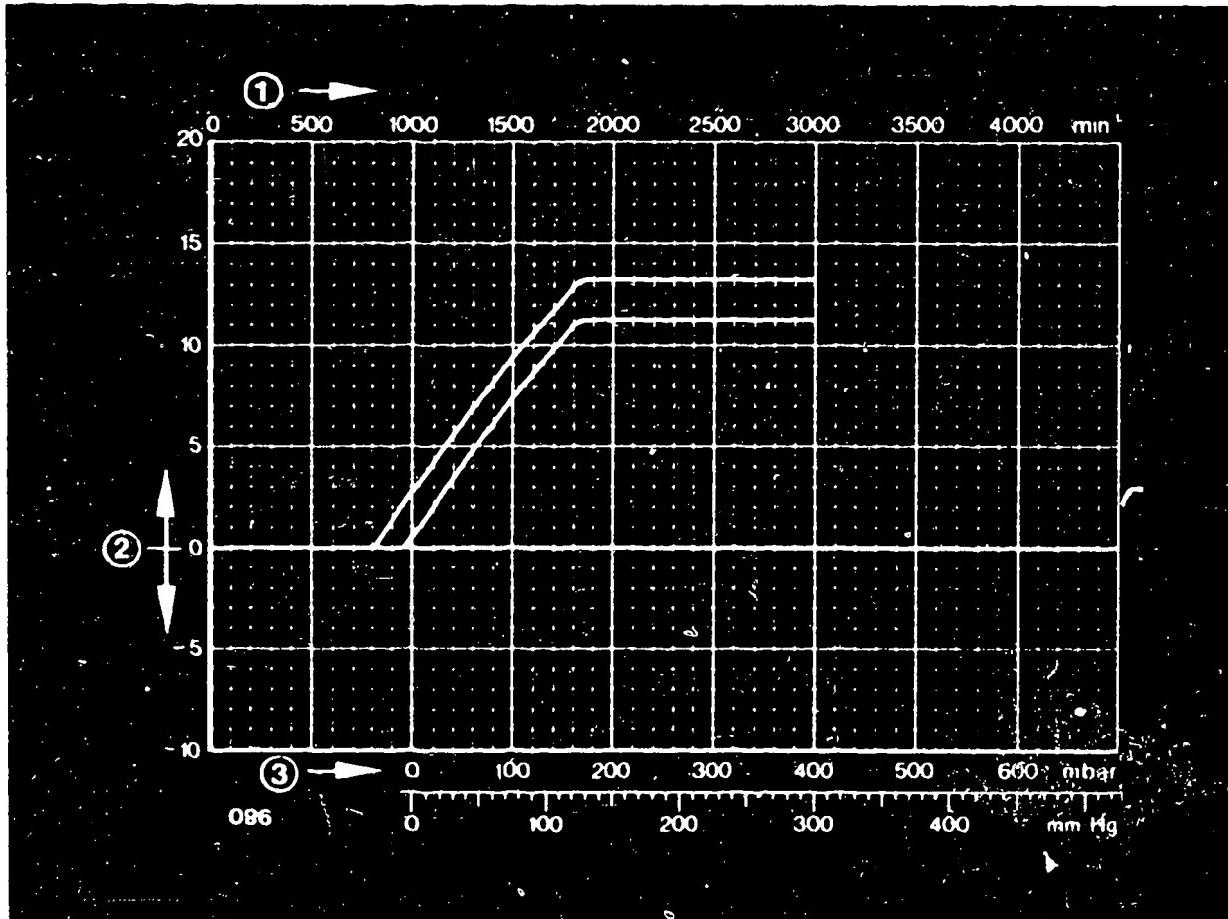
Test instructions: W-231/300

**F15**

Test specifications

Ignition distributors 0 231 ..





0 231 178 003/004

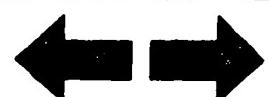
- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment in ° distributor shaft
- 3 = Negative gauge pressure (vacuum)

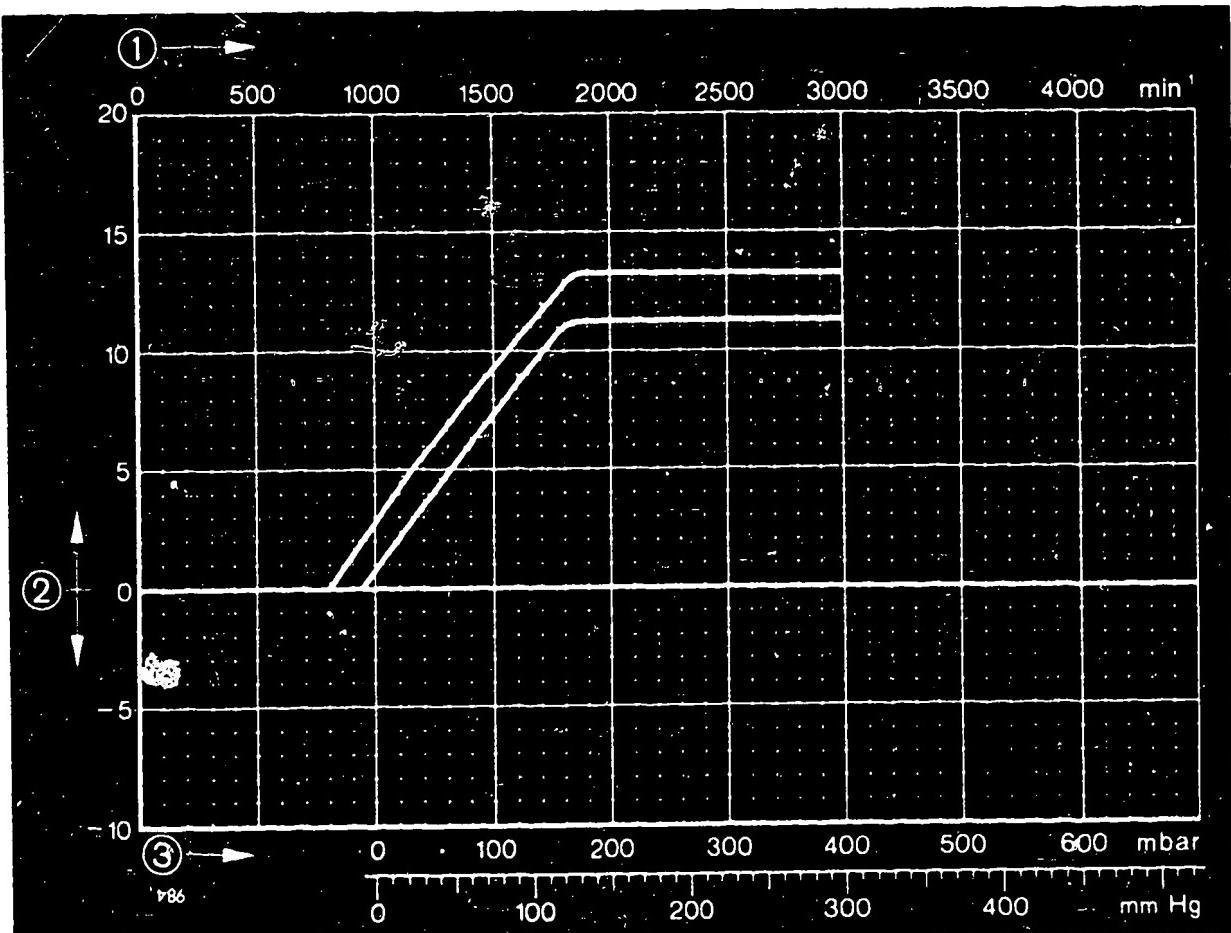
Min. contact gap:	0.45 mm
Dwell angle:	47 $\pm$ 3°
Contact pressure:	5.0...6.3 N
Margin for tolerance:	$\pm$ 0.5° dist. shaft
FD:	722 →
Test instructions:	W-231/300

**F16**

Test specifications

Ignition distributors 0 231 ..





0 231 178 004

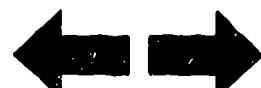
- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment in ° distributor shaft
- 3 = Negative gauge pressure (vacuum)

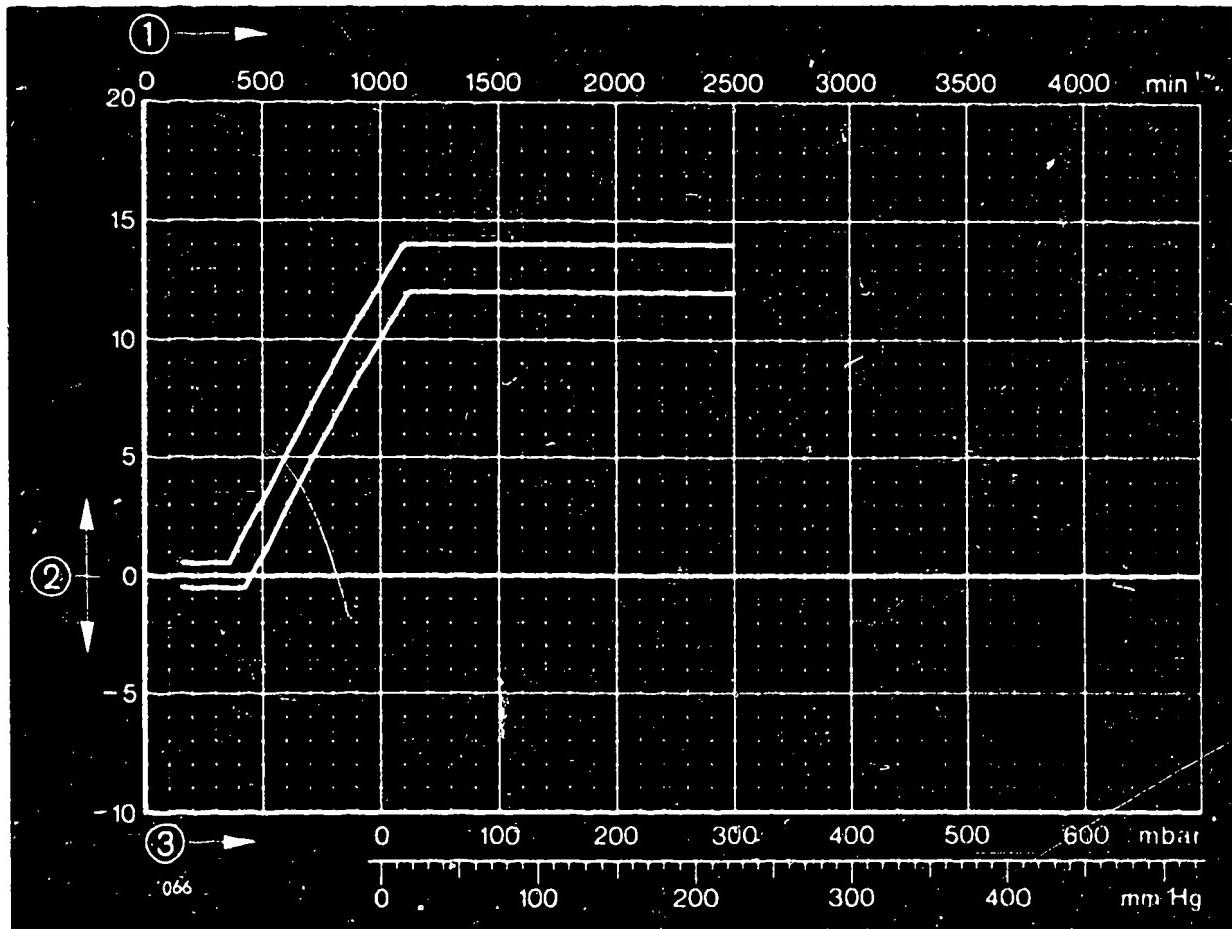
Min. contact gap:	0.45 mm
Dwell angle:	47 $\pm$ 3°
Contact pressure:	5.0...6.3 N
Margin for tolerance:	$\pm$ 0.5° dist. shaft
FD:	723 →
Test instructions:	W-231/300

F17

Test specifications

Ignition distributors 0 231 ..





0 231 178 010

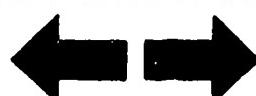
- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment in ° distributor shaft
- 3 = Negative gauge pressure (vacuum)

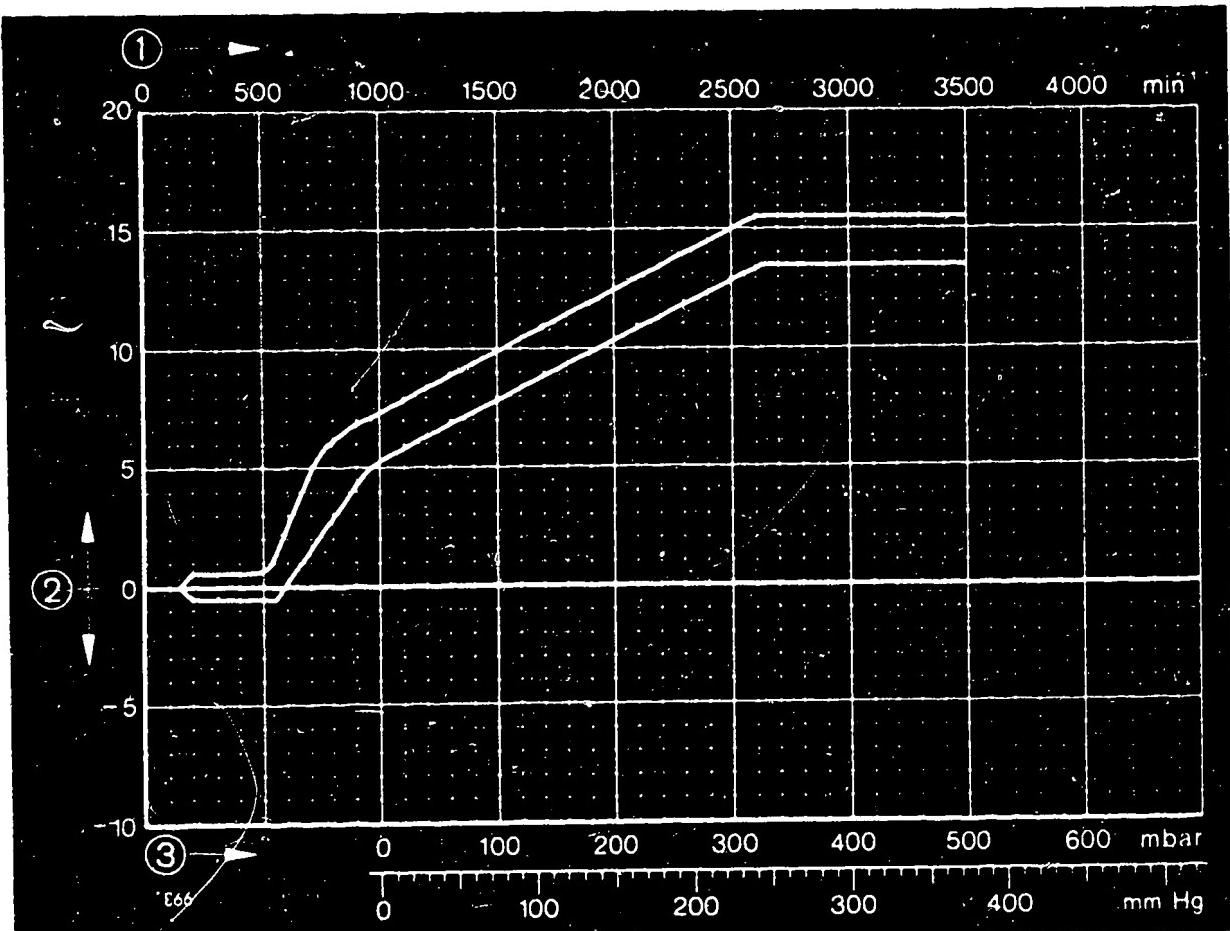
Min. contact gap:	0.40 mm
Dwell angle:	62 $\pm$ 3°
Contact pressure:	5.0...6.3 N
Margin for tolerance:	$\pm$ 0.5° dist. shaft
FD:	622 →
Test instructions:	W-231/300

F18

Test specifications

Ignition distributors 0 231 ..





0 231 178 013

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment in ° distributor shaft
- 3 = Negative gauge pressure (vacuum)

Min. contact gap:

0.30 mm

Dwell angle:

$66 \pm 3^\circ$

Contact pressure:

5.0...6.3 N

Margin for tolerance:

$\pm 0.5^\circ$  dist. shaft

Test instructions:

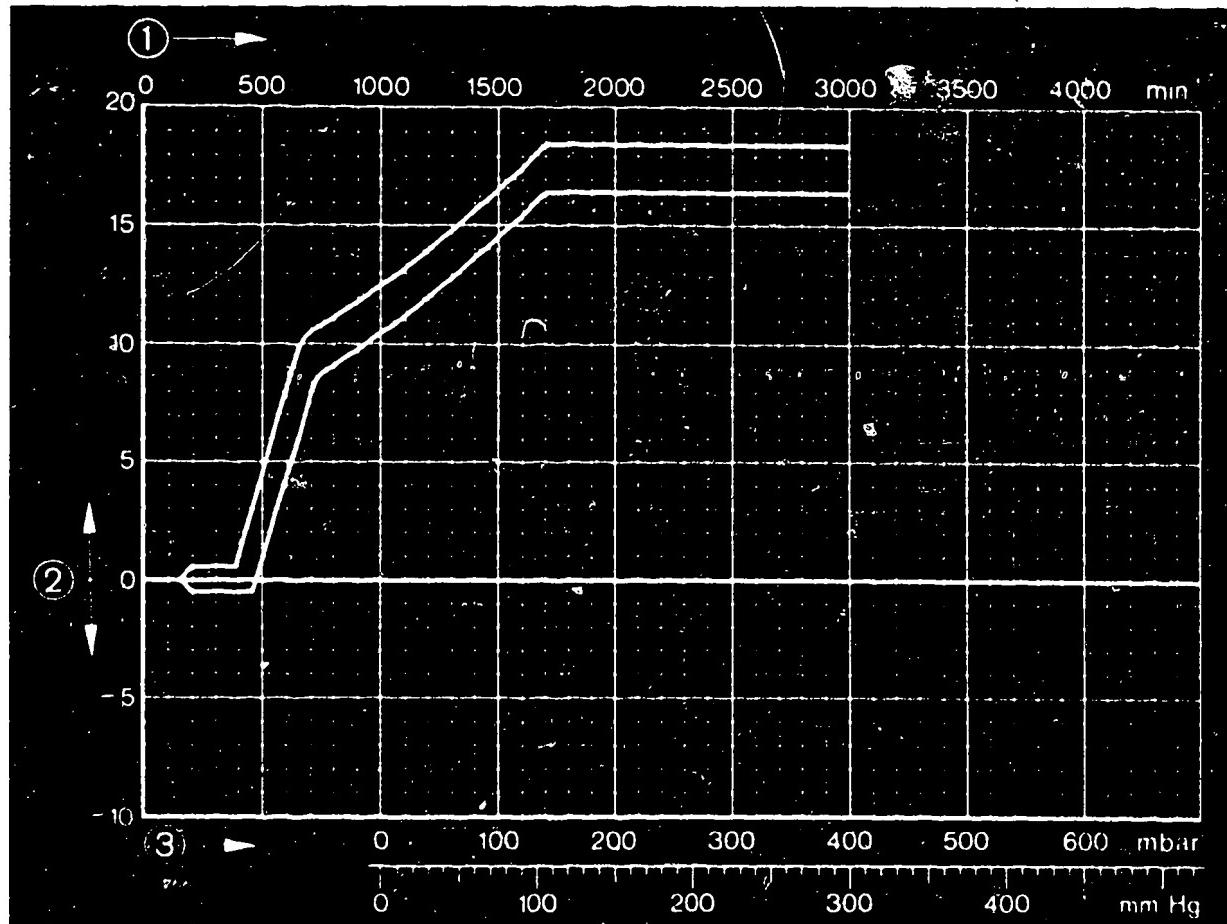
W-231/300

F19

Test specifications

Ignition distributors 0 231 ..





0 231 178 014

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment in ° distributor shaft
- 3 = Negative gauge pressure (vacuum)

Min. contact gap:	0.40 mm
Dwell angle:	$50 \pm 3^\circ$
Contact pressure:	5.0...6.3 N
Margin for tolerance:	$\pm 0.5^\circ$ dist. shaft

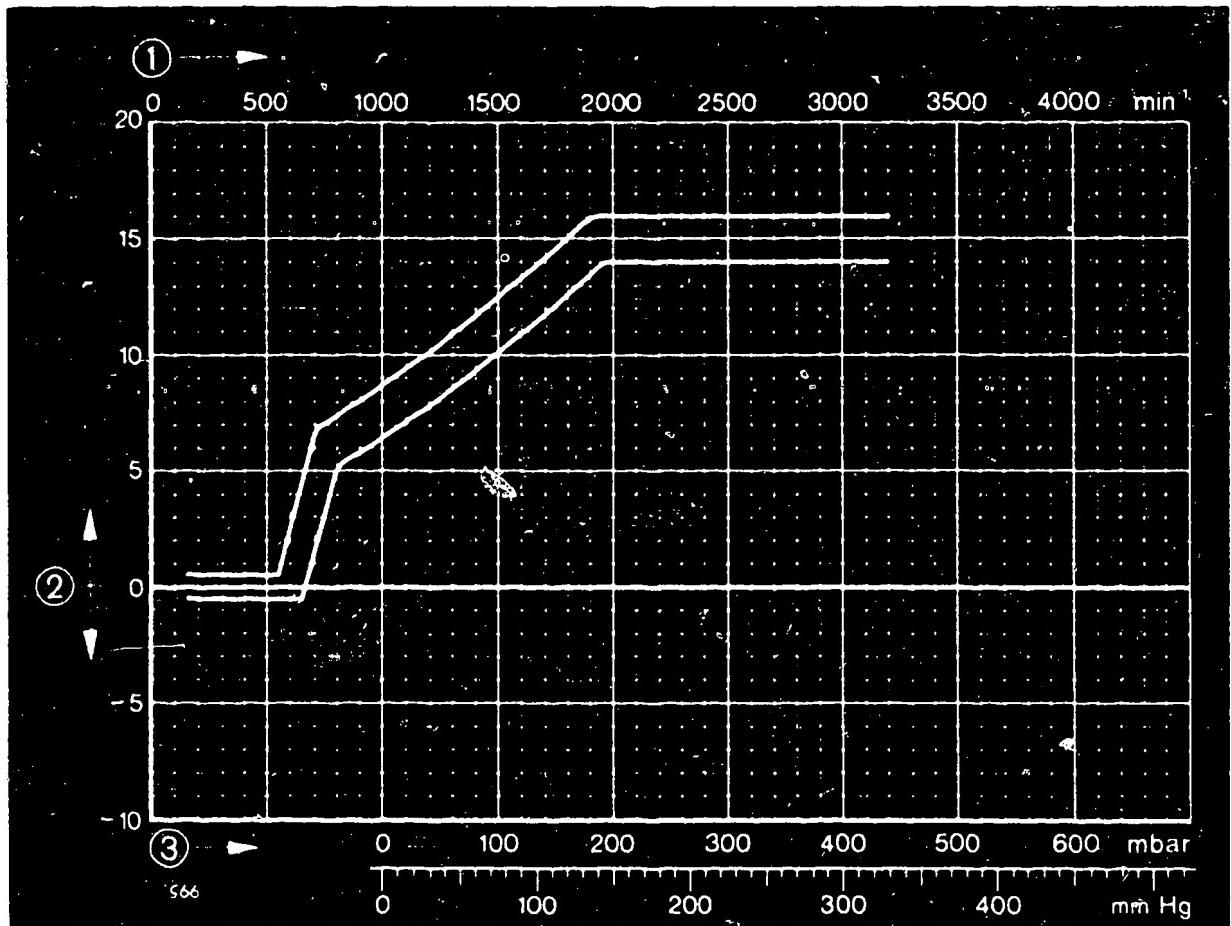
Test instructions: W-231/300

**F20**

Test specifications

Ignition distributors 0 231 ..





0 231 178 015

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment in ° distributor shaft
- 3 = Negative gauge pressure (vacuum)

Min. contact gap:

0.35 mm

Dwell angle:

$50 \pm 3^\circ$

Contact pressure:

5.0...6.3 N

Margin for tolerance:

$\pm 0.5^\circ$  dist. shaft

Test instructions:

W-231/300

Clamping flange:

1 685 700 129

Driver:

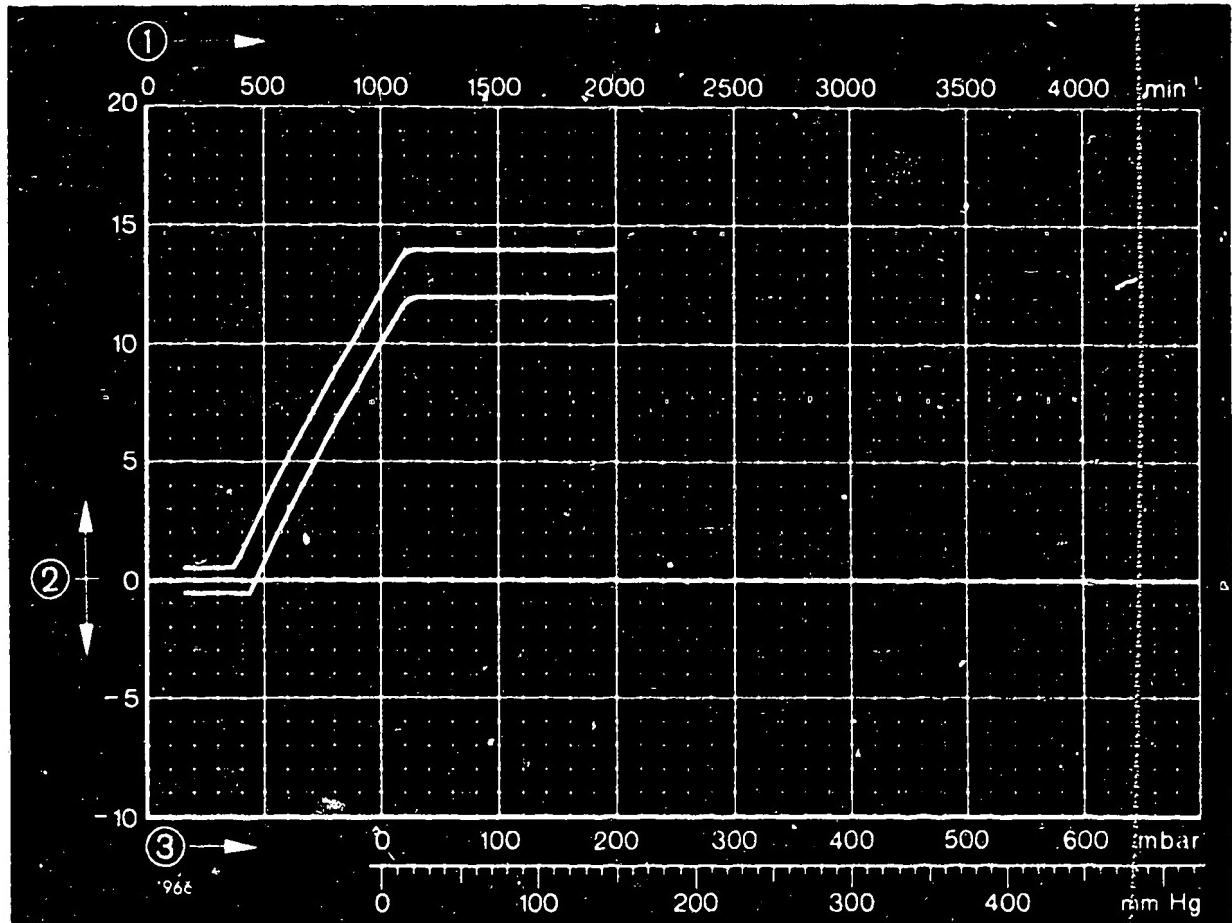
1 686 400 004

F21

Test specifications

Ignition distributors 0 231 ..





0 231 178 016

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment in ° distributor shaft
- 3 = Negative gauge pressure (vacuum)

Min. contact gap: 0.40 mm  
 Dwell angle:  $62 \pm 3^\circ$   
 Contact pressure: 5.0...6.3 N  
 Margin for tolerance:  $\pm 0.5^\circ$  dist. shaft

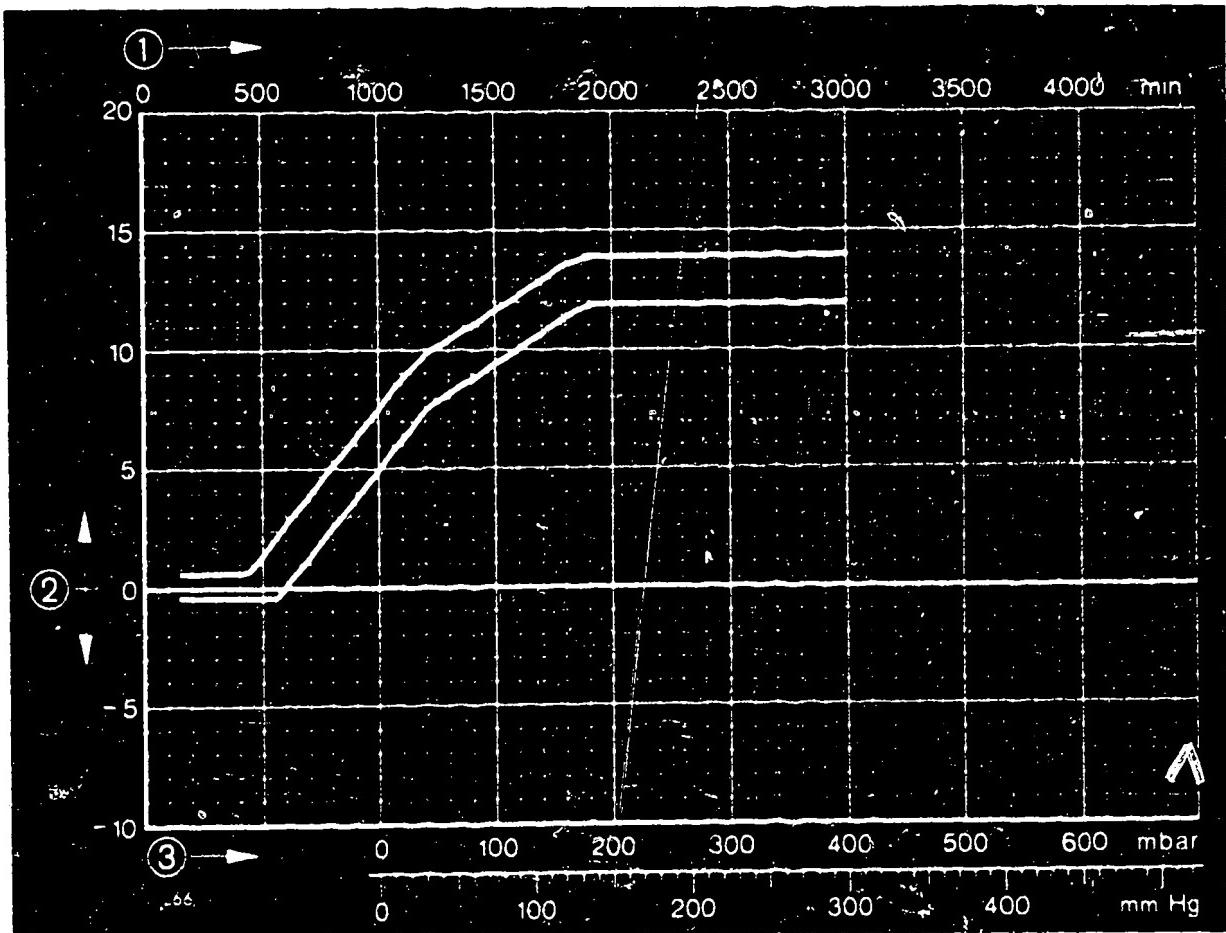
Test instructions: W-231/300

F22

Test specifications

Ignition distributors 0 231 ..





0 231 178 017/018

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment in ° distributor shaft
- 3 = Negative gauge pressure (vacuum)

Min. contact gap: 0.40 mm

Dwell angle:  $62 \pm 3^\circ$

Contact pressure: 5.0...6.3 N

Margin for tolerance:  $\pm 0.5^\circ$  dist. shaft

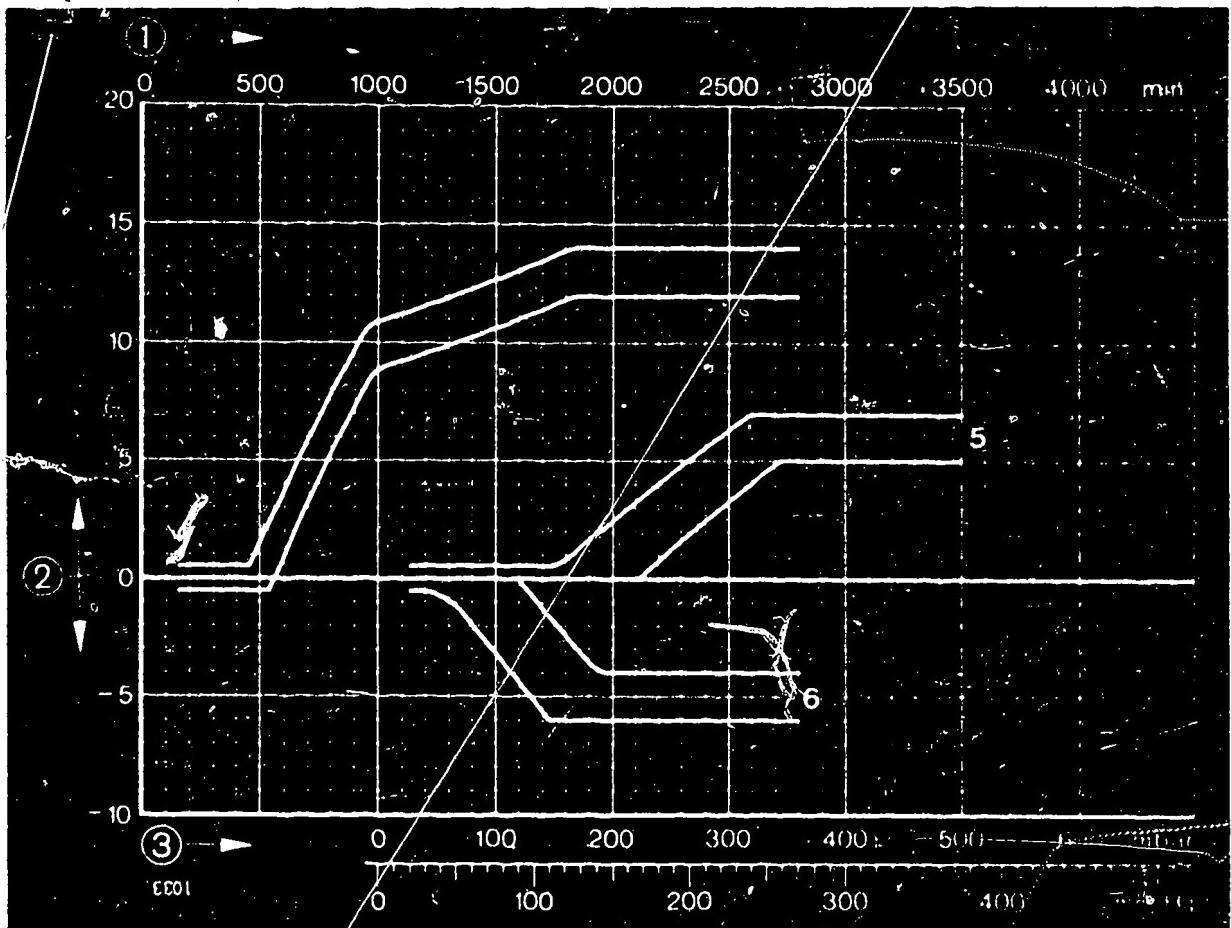
Test instructions: W-231/300

**F23**

Test specifications

Ignition distributors 0 231 ..

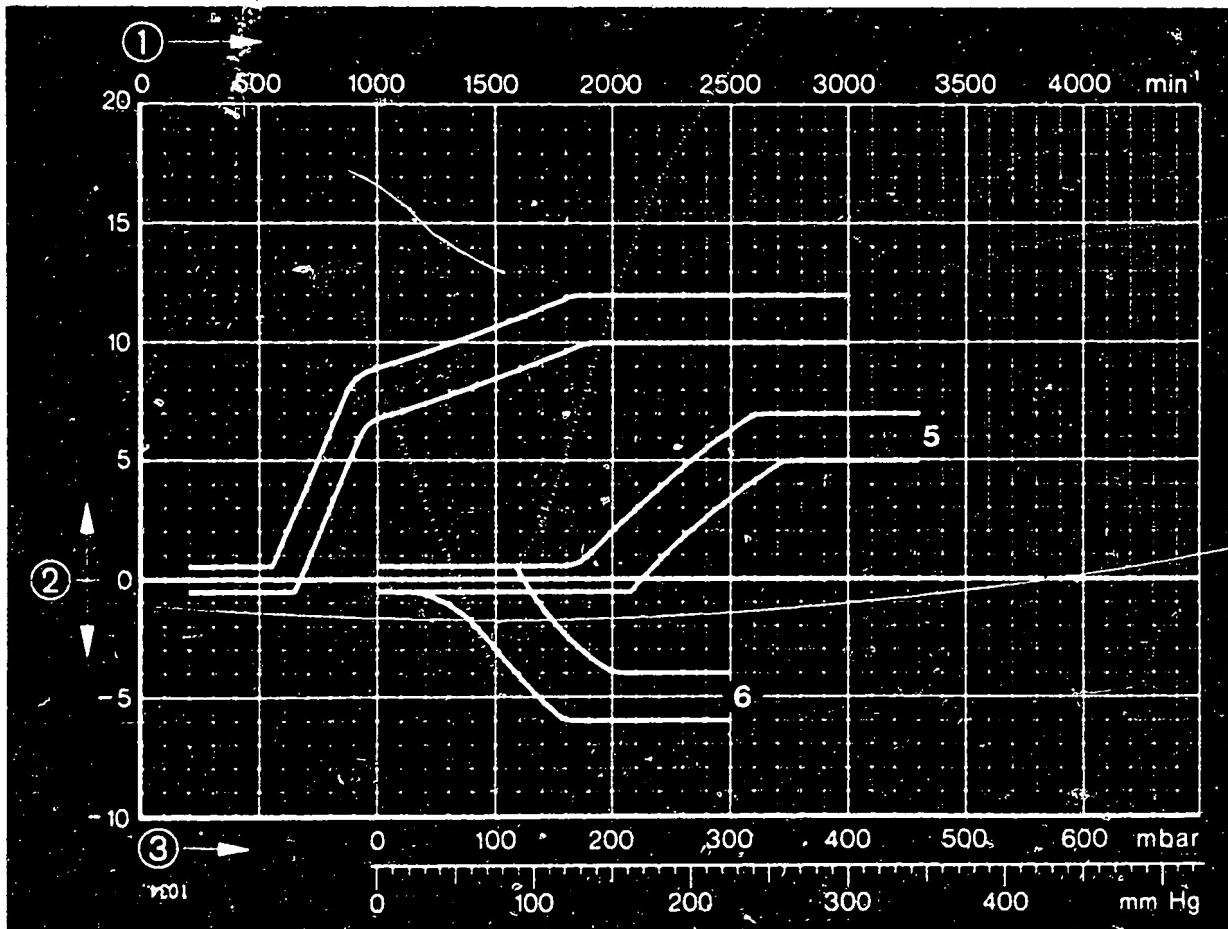




0 231 181 022

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment in ° distributor shaft
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance
- 6 = Negative gauge pressure (vacuum) retard

Min. contact gap: 0.40 mm  
 Dwell angle:  $62 \pm 3^\circ$   
 Contact pressure: 5.0...6.3 N  
 Margin for tolerance:  $\pm 0.5^\circ$  dist. shaft  
 Cut-out speed of limiter: 3200 to 3400 min<sup>-1</sup>  
 Test instructions: W-231/300



0 231 181 023

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment in ° distributor shaft
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance
- 6 = Negative gauge pressure (vacuum) retard

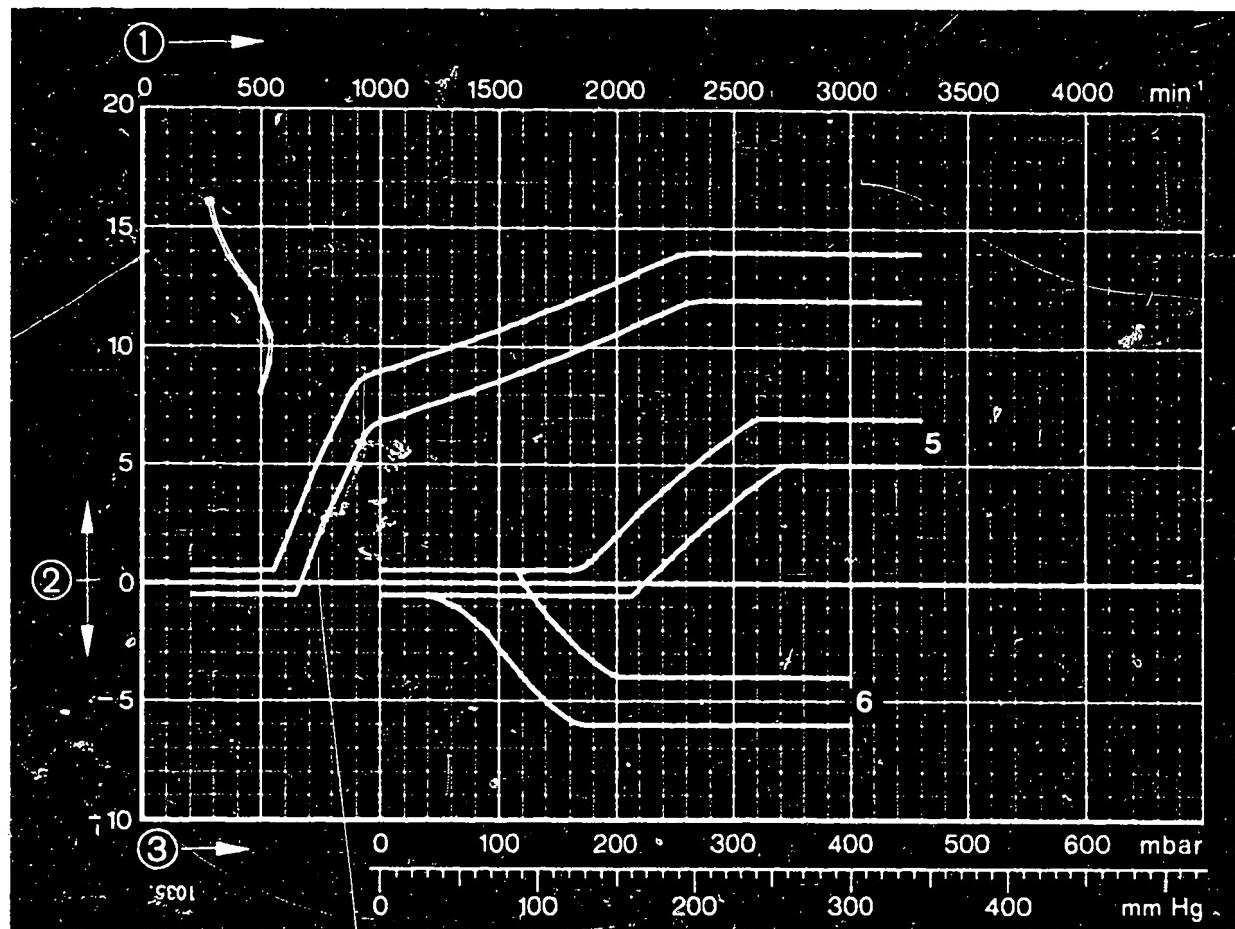
Min. contact gap:	0.40 mm
Dwell angle:	$62 \pm 3^\circ$
Contact pressure:	3.8...5.0 N
Margin for tolerance:	$\pm 0.5^\circ$ dist. shaft
Cut-out speed of limiter:	3200 to 3400 min <sup>-1</sup>
Test instructions:	W-231/300

**G 1**

Test specifications

Ignition distributors 0 231 ..





0 231 181 023

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment in ° distributor shaft
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance
- 6 = Negative gauge pressure (vacuum) retard

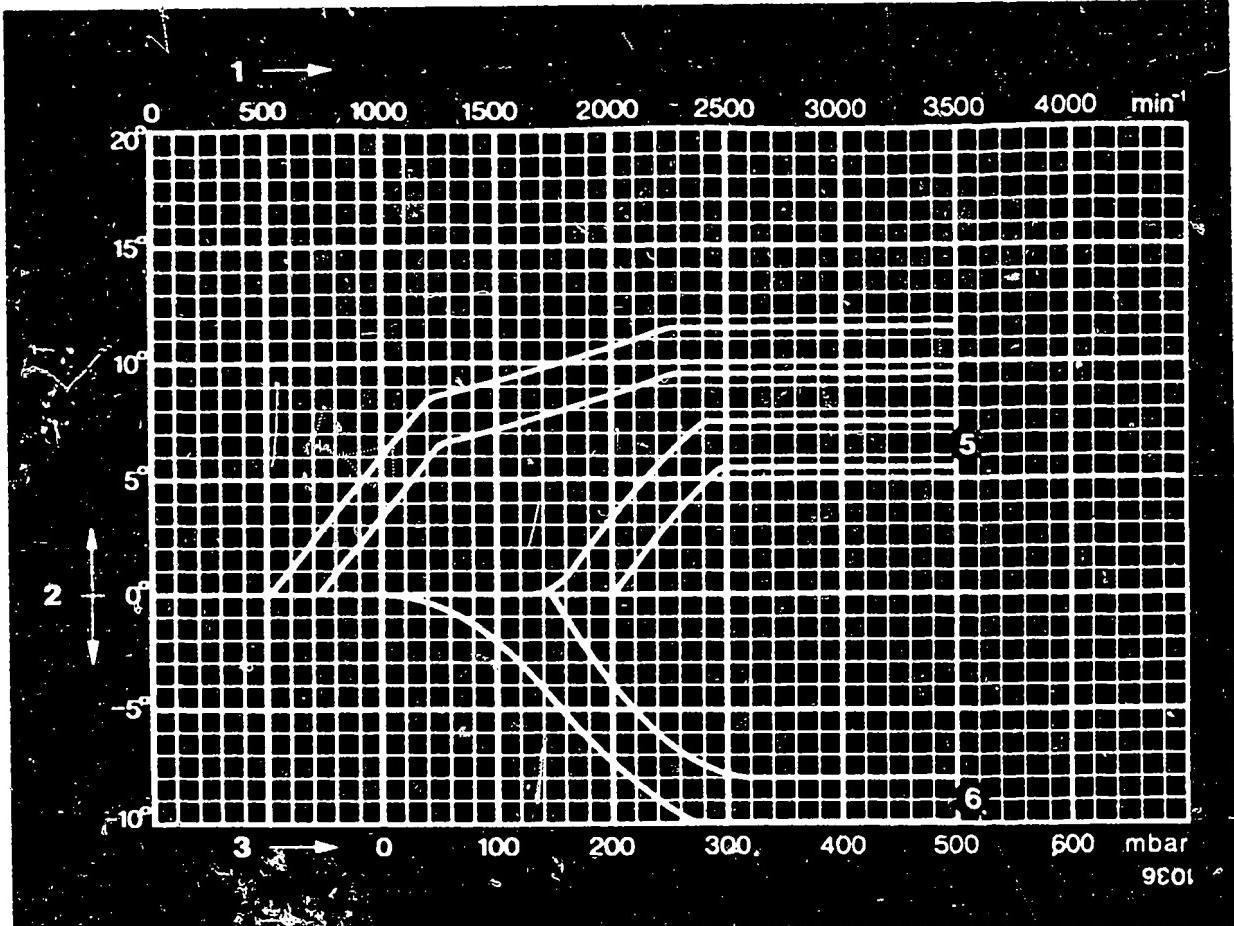
Min. contact gap:	0.40 mm
Dwell angle:	$62 \pm 3^\circ$
Contact pressure:	3.8...5.0 N
Margin for tolerance:	$\pm 0.5^\circ$ dist. shaft
Cut-out speed of limiter:	3200 to 3400 $\text{min}^{-1}$
FD:	724 →
Test instructions:	W-231/300

**G2**

Test specifications

Ignition distributors 0 231 ..





0 231 181 024/025

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance
- 6 = Negative gauge pressure (vacuum) retard

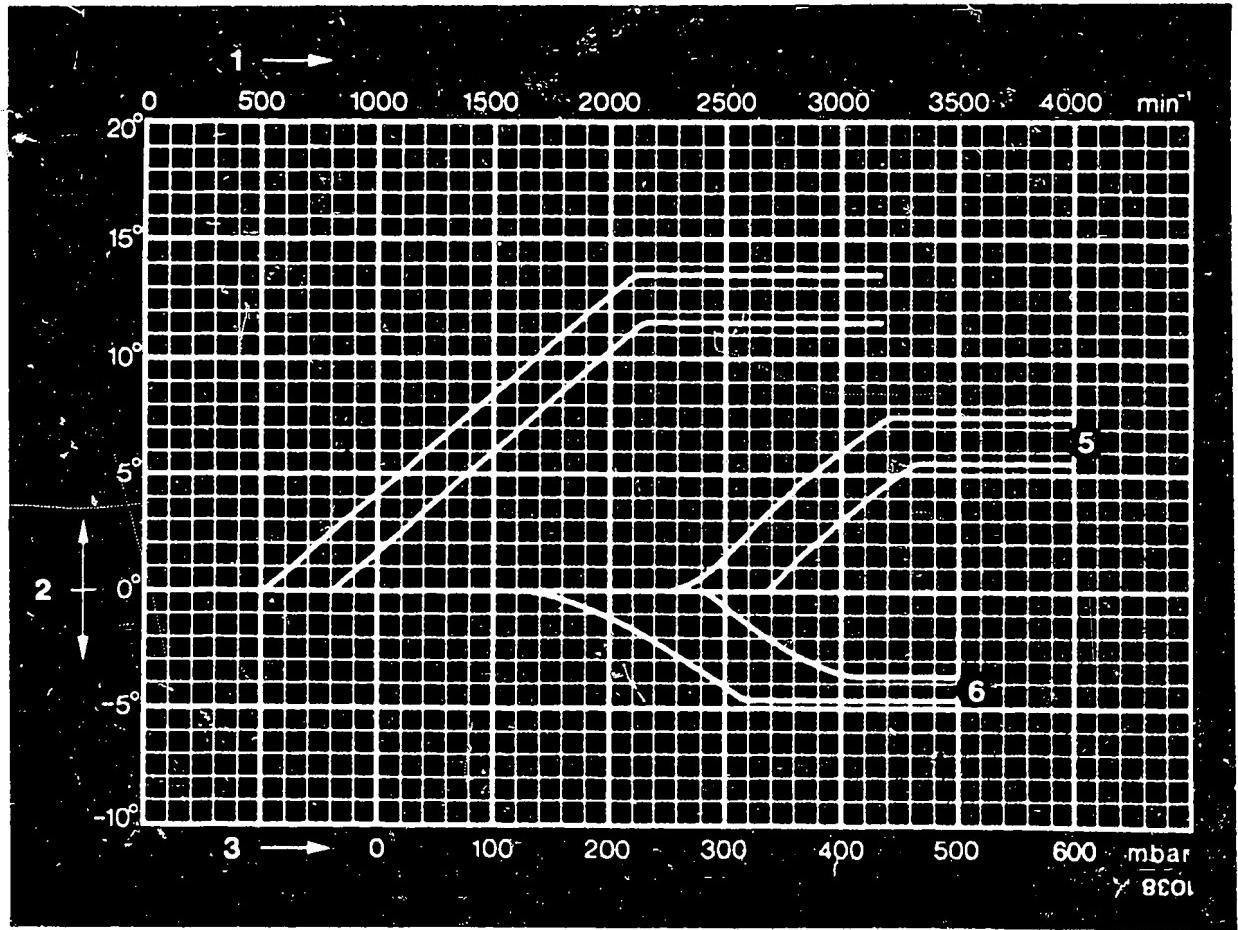
Min. contact gap:	0.30 mm
Dwell angle:	$47 \pm 3^\circ$
Contact pressure:	3.8...5.0 N
Margin for tolerance:	$\pm 0.5^\circ$ dist. shaft
Cut-out speed of limiter:	3440 to 3660 $\text{min}^{-1}$
Test instructions:	W-231/300

**G3**

Test specifications

Ignition distributors 0 231 ..





0 231 181 026/027

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance
- 6 = Negative gauge pressure (vacuum) retard

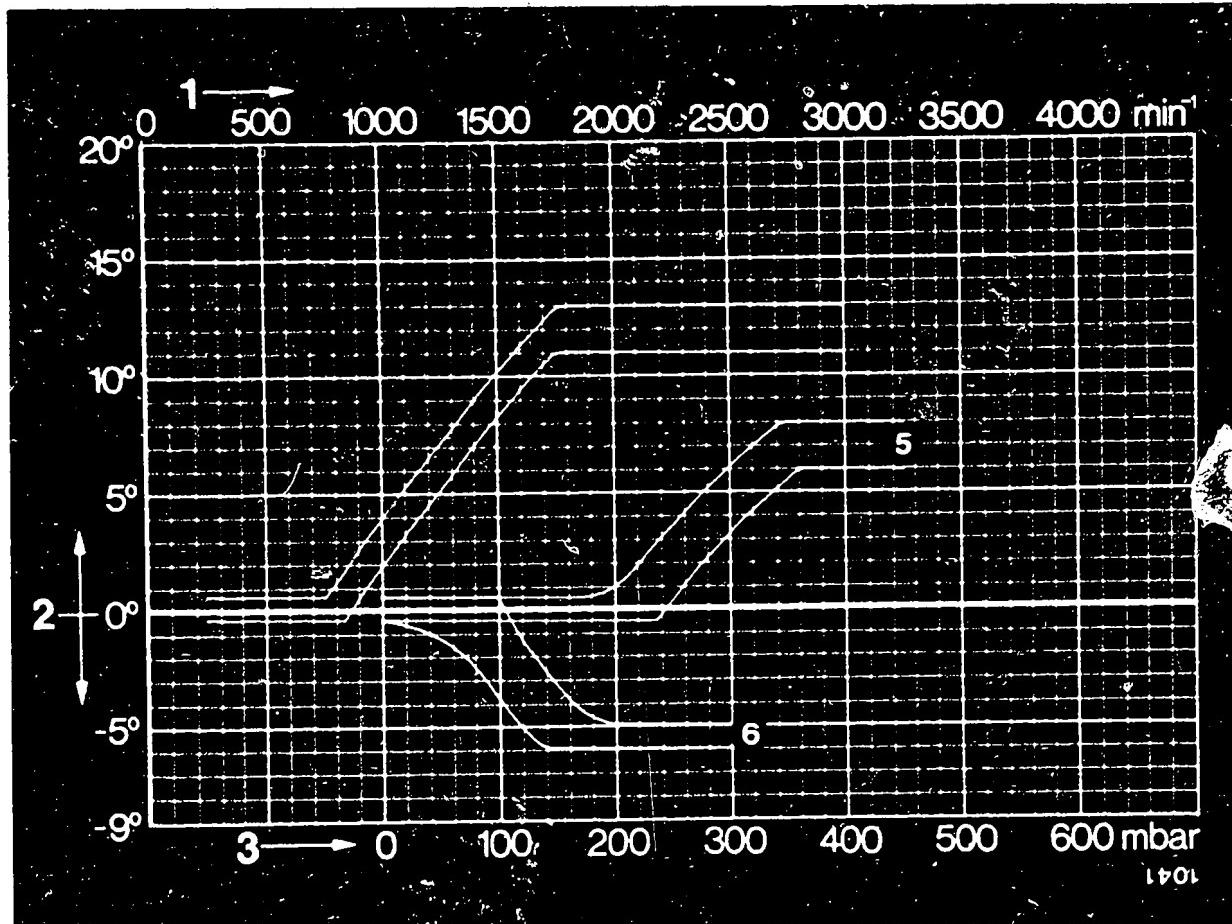
Min. contact gap:	0.45 mm
Dwell angle:	$47 \pm 3^\circ$
Contact pressure:	3.8...5.0 N
Margin for tolerance:	$\pm 0.5^\circ$ dist. shaft
Cut-out speed of limiter:	3080 to 3270 min <sup>-1</sup>
Test instructions:	W-231/300

**G4**

Test specifications

Ignition distributors 0 231 ..





0 231 183 002/003

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance
- 6 = Negative gauge pressure (vacuum) retard

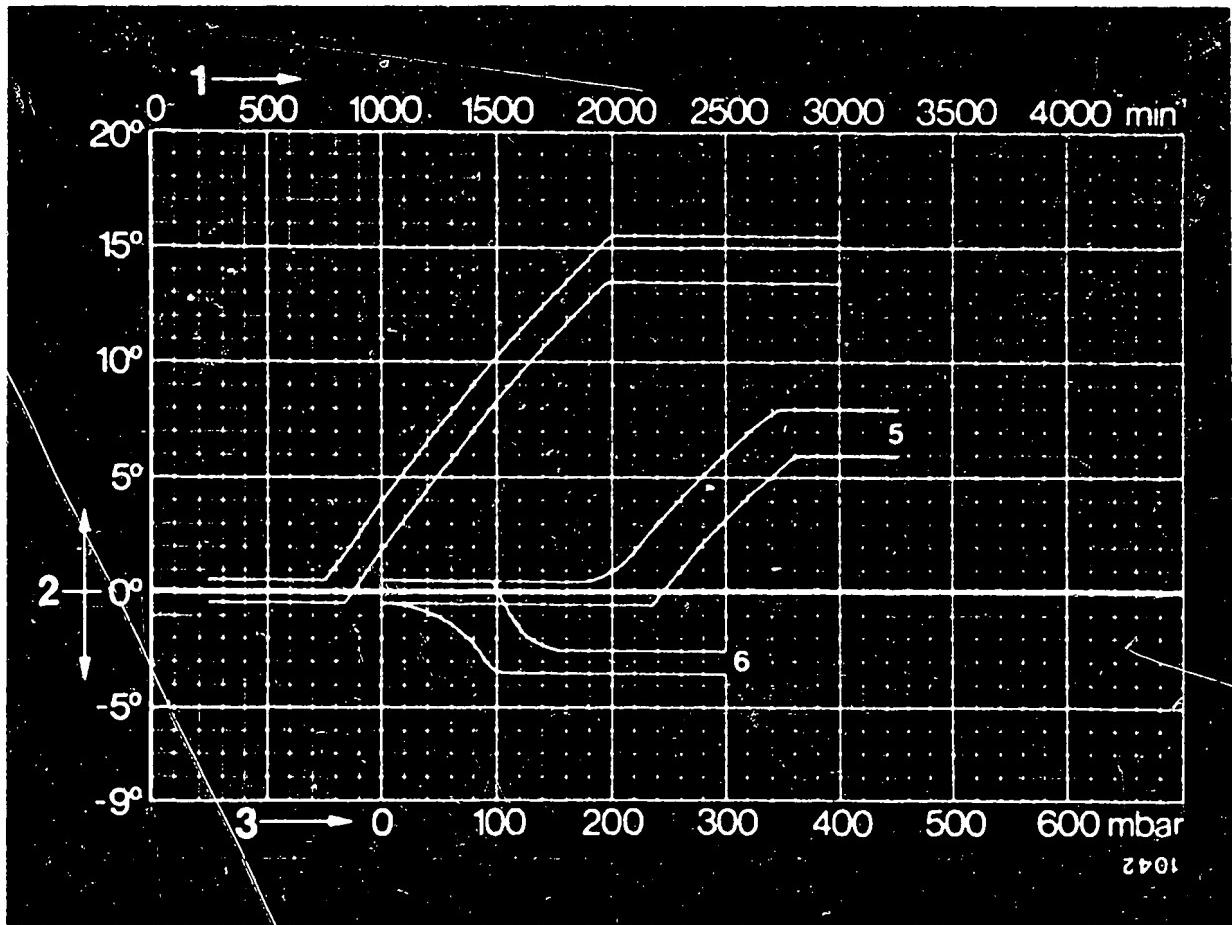
Min. contact gap:	0.46 mm
Dwell angle:	$47 \pm 3^\circ$
Contact pressure:	3.8...5.0 N
Margin for tolerance:	$\pm 0.5^\circ$ dist. shaft
Test instructions:	W-231/300

**G5**

Test specifications

Ignition distributors 0 231 ..





0 231 183 004/005

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance
- 6 = Negative gauge pressure (vacuum) retard

Min. contact gap: 0.46...0.56 mm

Dwell angle:  $47 \pm 3^\circ$

Contact pressure: 3.8...5.0 N

Margin for tolerance:  $\pm 0.5^\circ$  dist. shaft

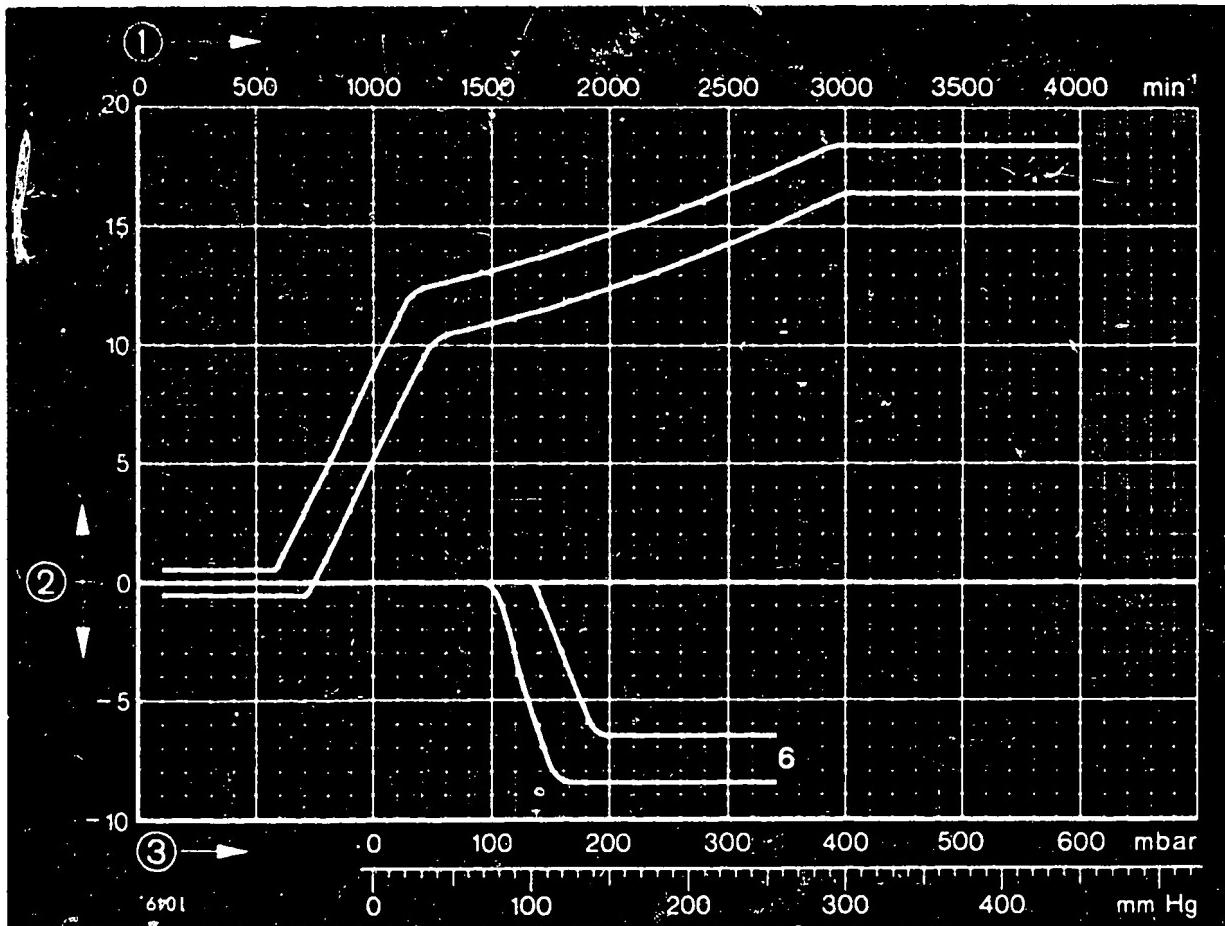
Test instructions: W-231/300

**G6**

Test specifications

Ignition distributors 0 231 ..





0 231 184 007

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment in ° distributor shaft
- 3 = Negative gauge pressure (vacuum)
- 6 = Negative gauge pressure (vacuum) retard

Min. contact gap: 0.30 mm

Dwell angle: 38  $\pm$  3°

Contact pressure: 6.5...8.0 N

Margin for tolerance:  $\pm$  0.5° dist. shaft

Cut-out speed of limiter: 3150 to 3350 min⁻¹

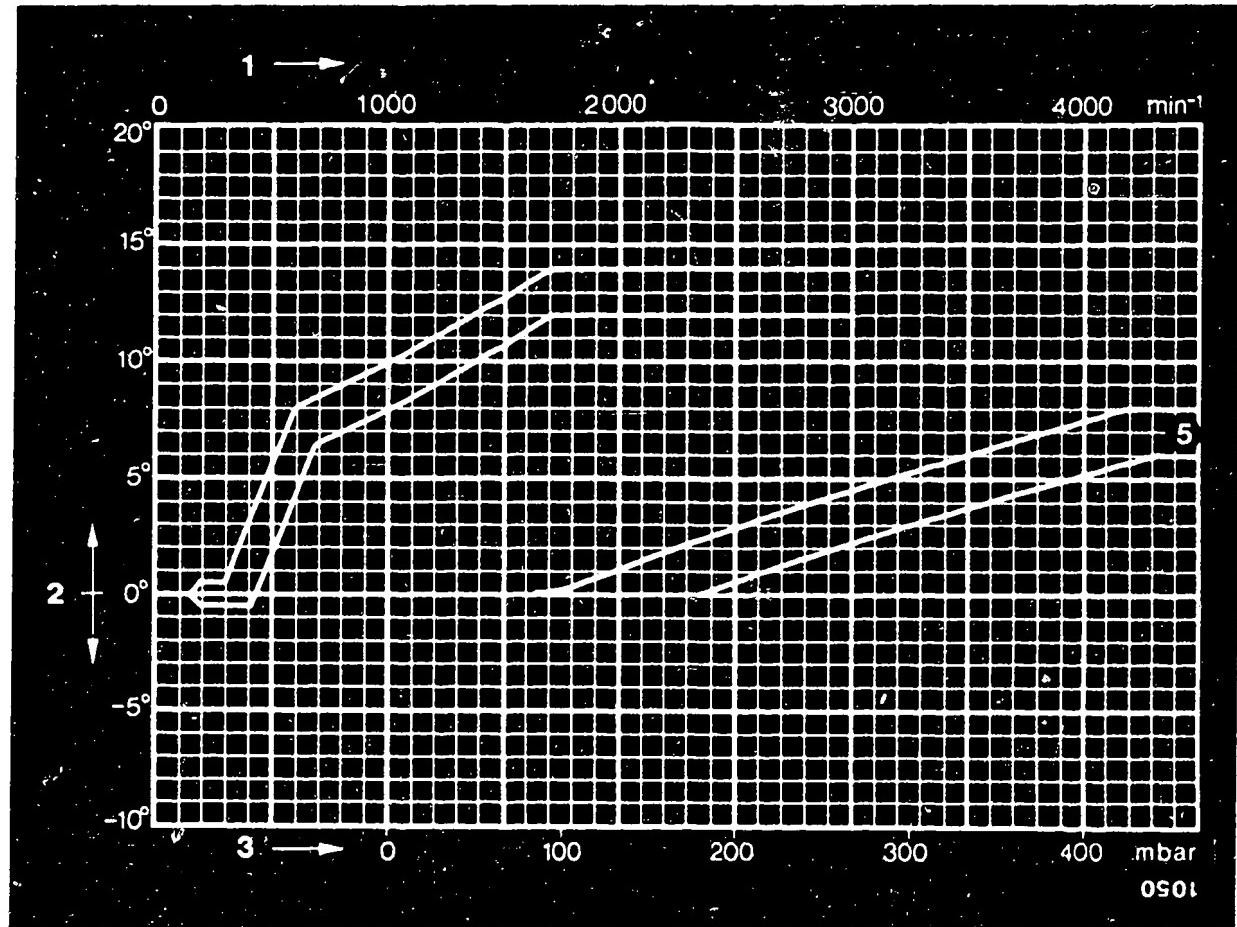
Test instructions: W-231/300

**G7**

Test specifications

Ignition distributors 0 231 ..





0 231 184 008

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

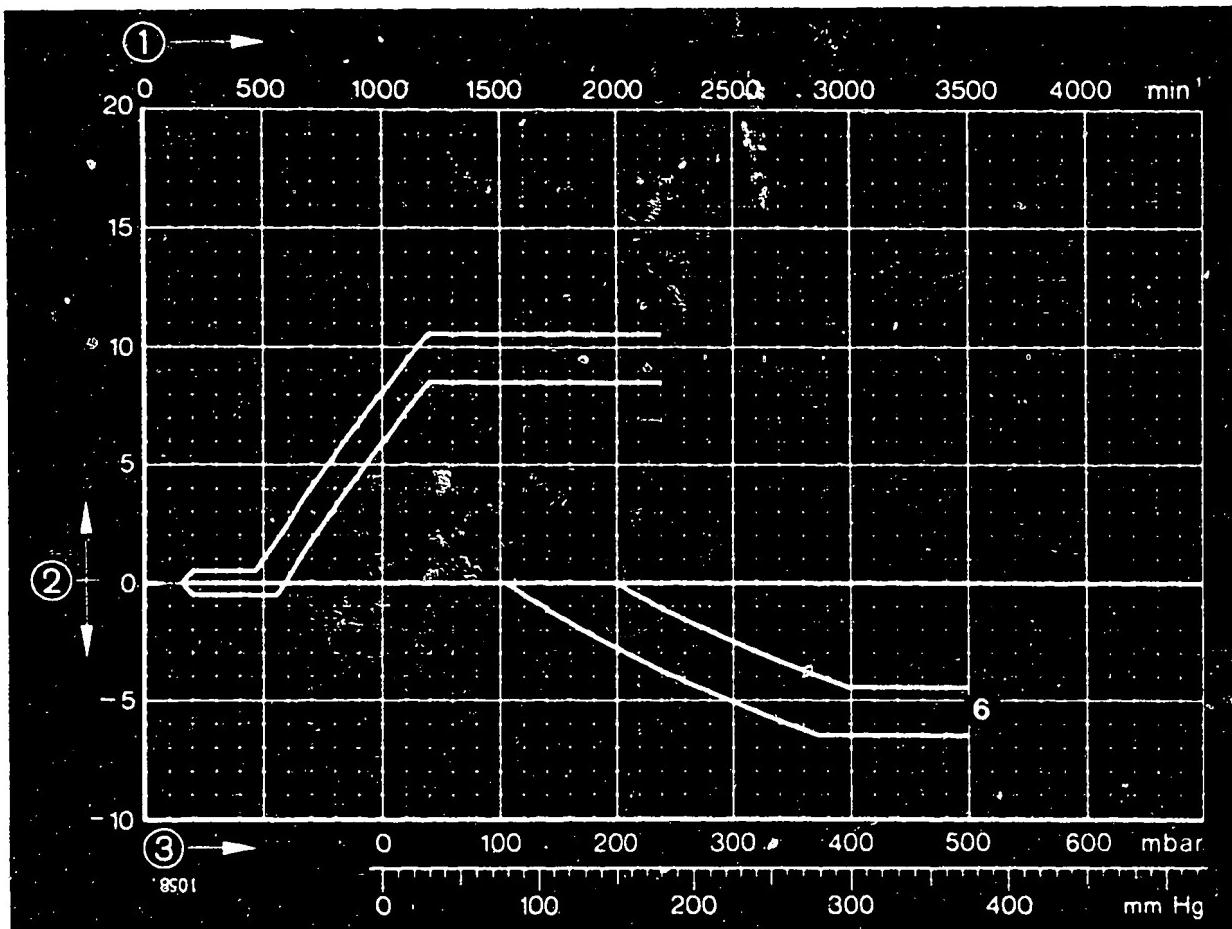
Min. contact gap:	0.30 mm
Dwell angle:	$38 \pm 3^\circ$
Contact pressure:	5.0...6.3 N
Margin for tolerance:	$\pm 0.5^\circ$ dist. shaft
Cut-out speed of limiter:	3200 to 3400 min⁻¹
Test instructions:	W-231/300

**G8**

Test specifications

Ignition distributors 0 231 ..





0 231 185 009

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment in ° distributor shaft
- 3 = Negative gauge pressure (vacuum)
- 6 = Negative gauge pressure (vacuum) retard

Min. contact gap: 0.30 mm

Dwell angle:  $38 \pm 3^\circ$

Contact pressure: 5.0...6.3 N

Margin for tolerance:  $\pm 0.5^\circ$  dist. shaft

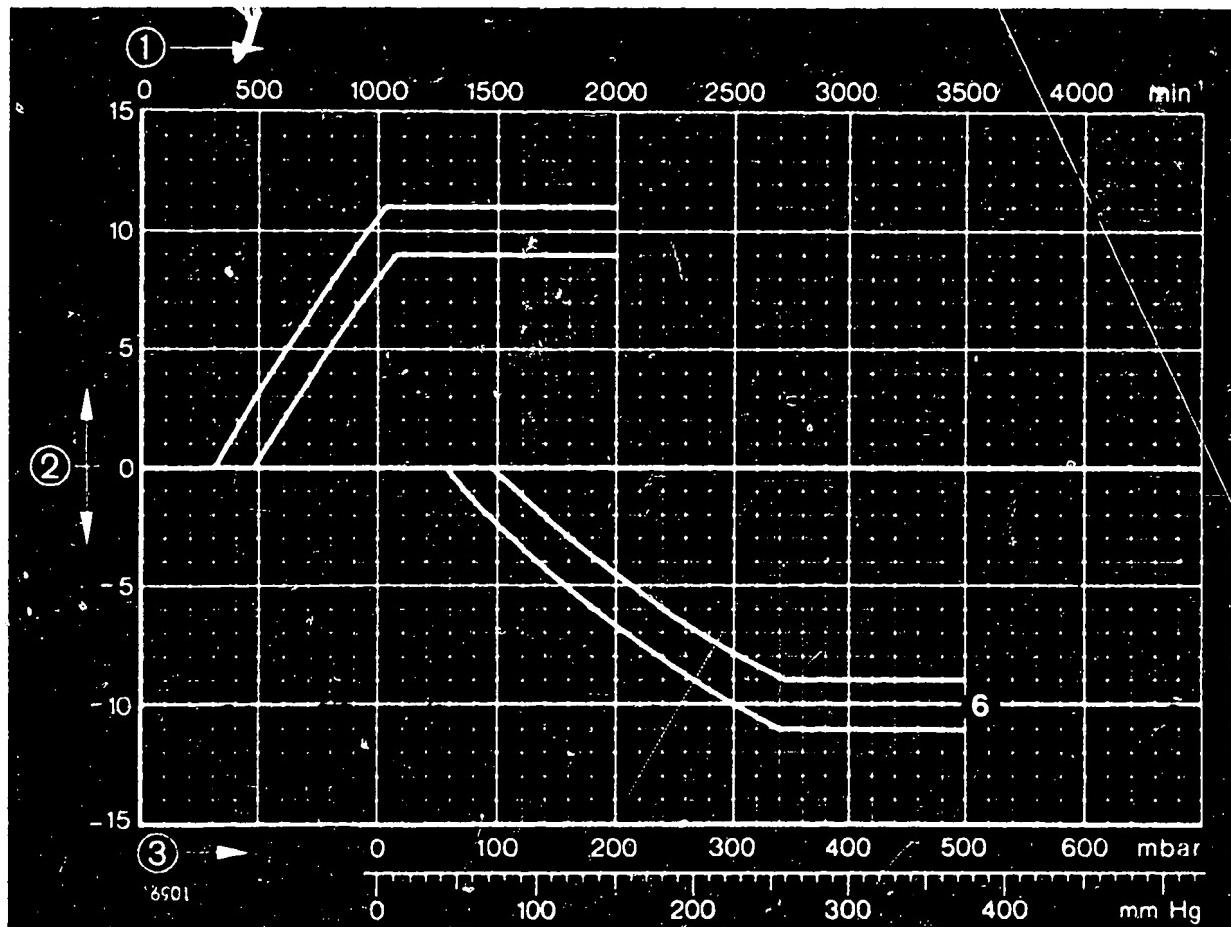
Test instructions: W-231/300

**G9**

Test specifications

Ignition distributors 0 231 ..





0 231 185 010

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment in ° distributor shaft
- 3 = Negative gauge pressure (vacuum)
- 6 = Negative gauge pressure (vacuum) retard

Min. contact gap: 0.30 mm

Dwell angle:  $38 \pm 3^\circ$

Contact pressure: 5.0...6.3 N

Margin for tolerance:  $\pm 0.5^\circ$  dist. shaft

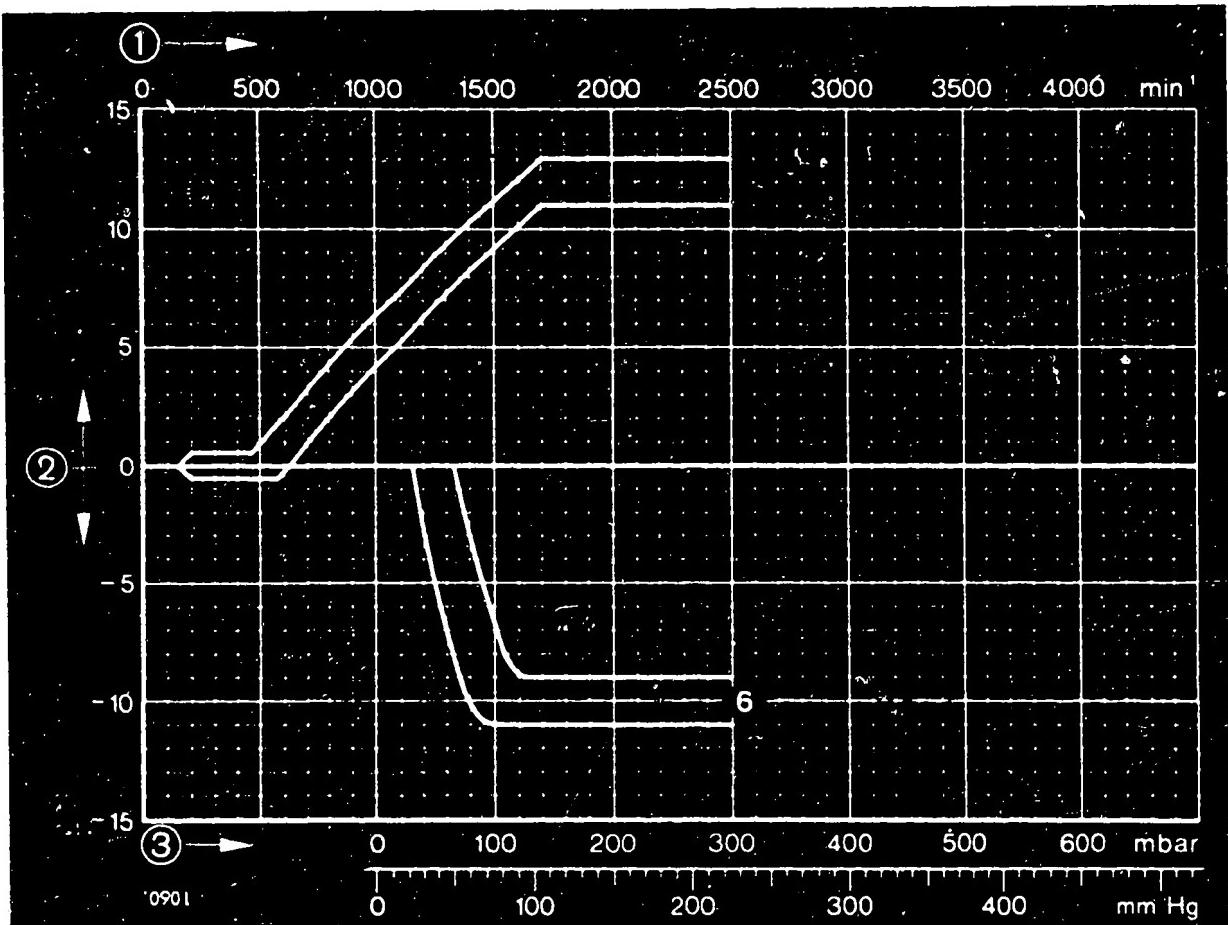
Test instructions: W-231/300

**G10**

Test specifications

Ignition distributors 0 231 ..





0 231 185 011

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment in ° distributor shaft
- 3 = Negative gauge pressure (vacuum)
- 6 = Negative gauge pressure (vacuum) retard

Min. contact gap: 0.30 mm

Dwell angle:  $38 \pm 3^\circ$

Contact pressure: 5.0...6.3 N

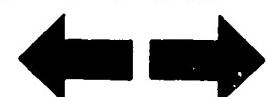
Margin for tolerance:  $\pm 0.5^\circ$  dist. shaft

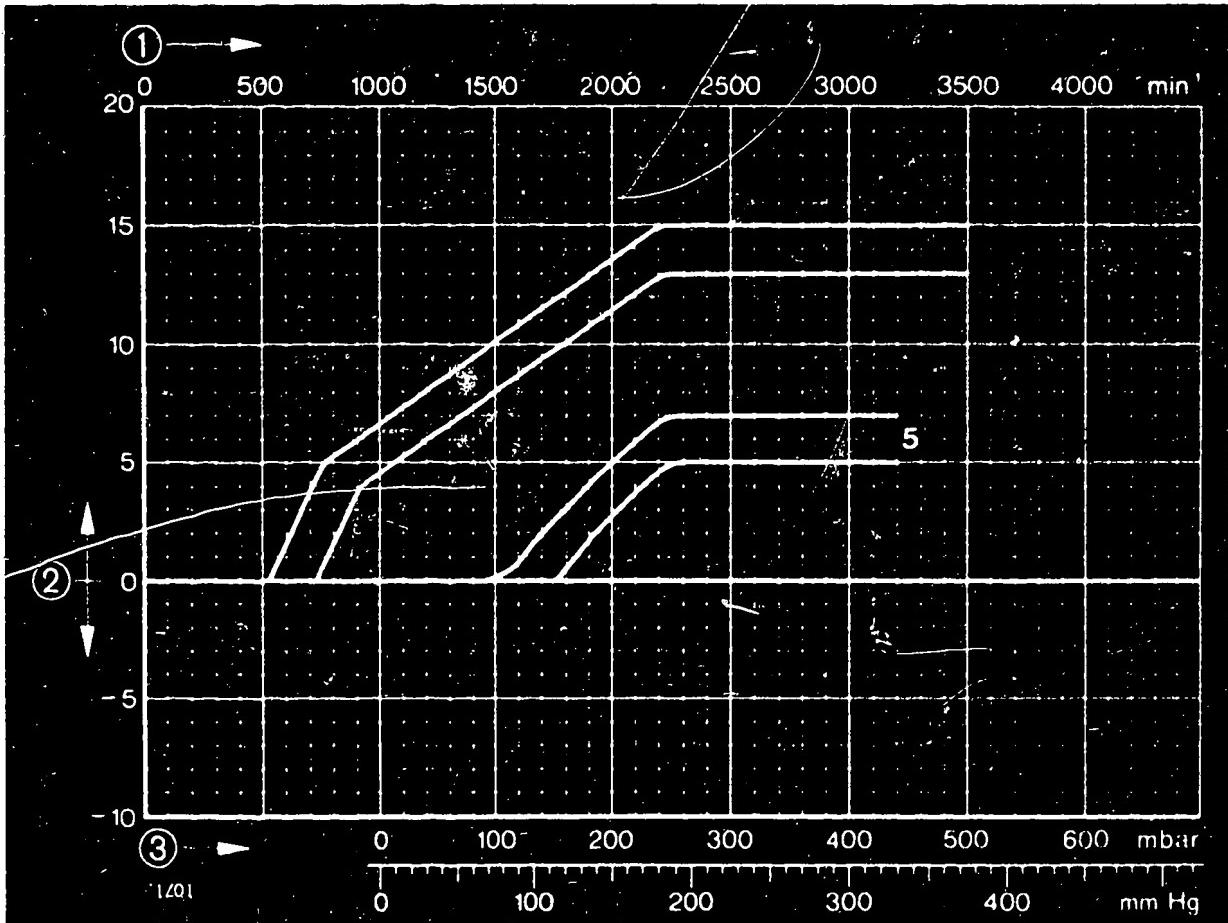
Test instructions: W-231/300

**G 11**

Test specifications

Ignition distributors 0 231 ..





0 231 186 011/012

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment in ° distributor shaft
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

Min. contact gap: 0.45 mm

Dwell angle:  $47 \pm 3^\circ$

Contact pressure: 3.8...5.0 N

Margin for tolerance:  $\pm 0.5^\circ$  dist. shaft

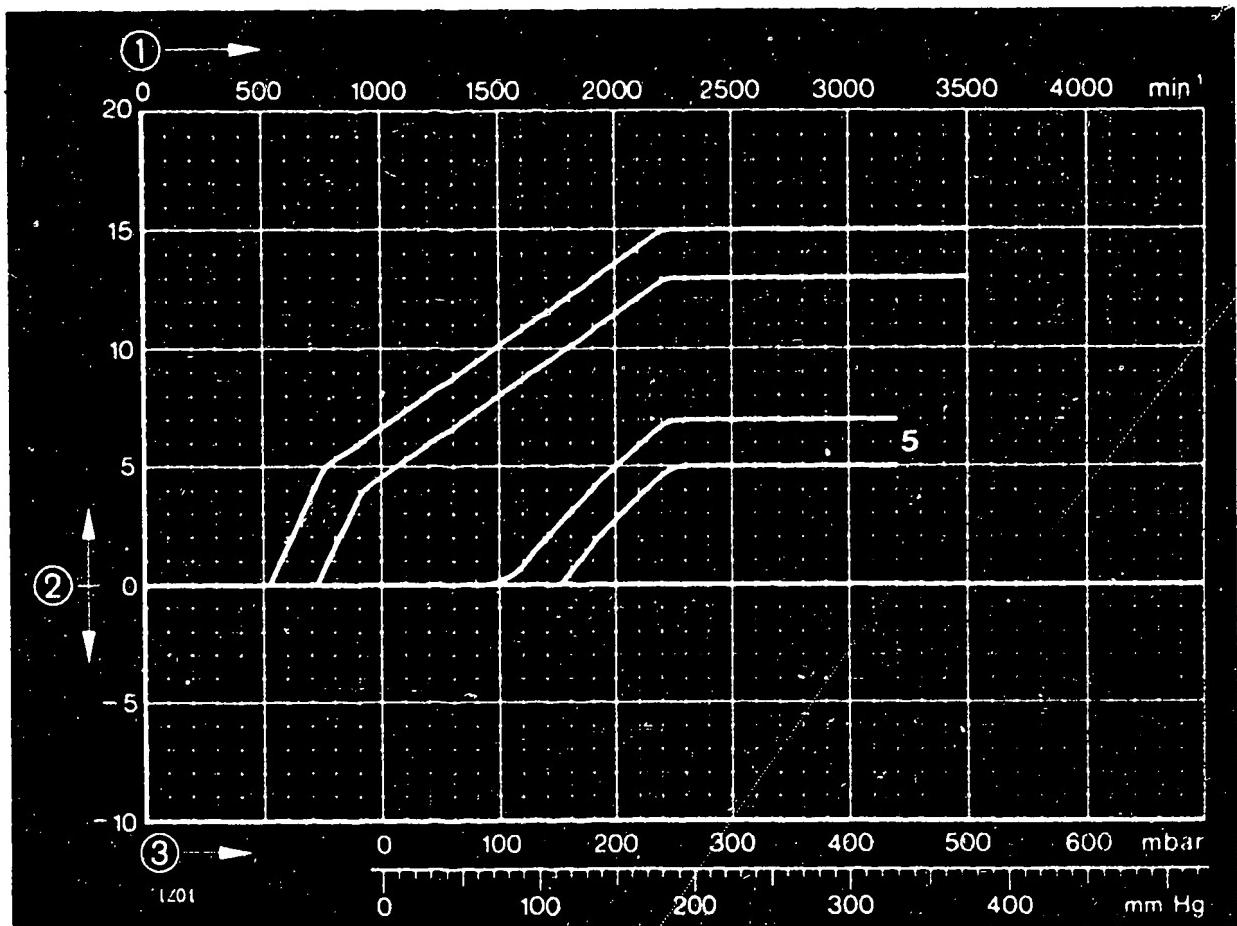
Test instructions: W-231/300

**G 12**

Test specifications

Ignition distributors 0 231 ..





0 231 186 017/018

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment in ° distributor shaft
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

Min. contact gap:	0.45 mm
Dwell angle:	$47 \pm 3^\circ$
Contact pressure:	3.8...5.0 N
Margin for tolerance:	$\pm 0.5^\circ$ dist. shaft

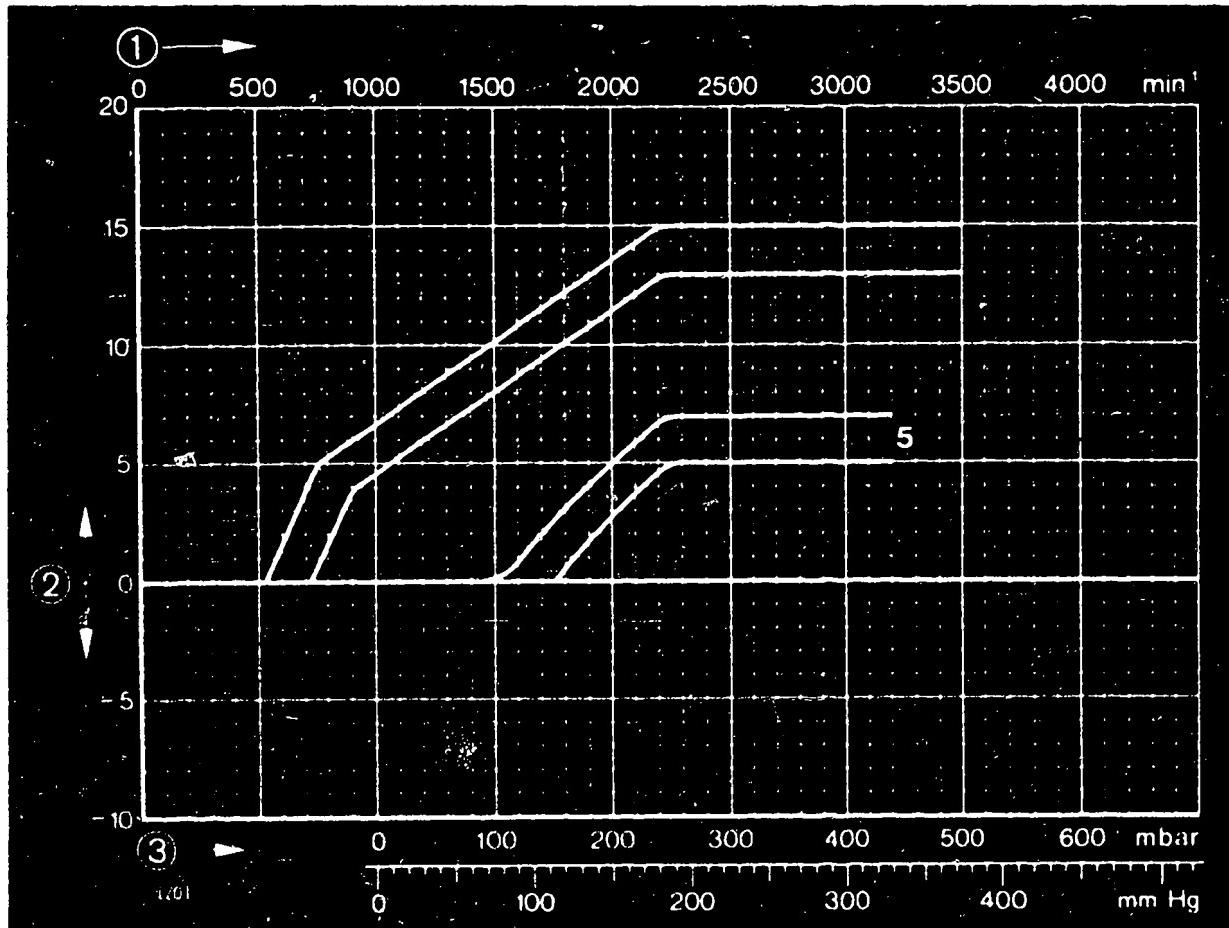
Test instructions: W-231/300

**G 13**

Test specifications

Ignition distributors 0 231 ..





0 231 186 019

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment in ° distributor shaft
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

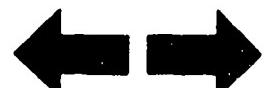
Min. contact gap:	0.45 mm
Dwell angle:	$47 \pm 3^\circ$
Contact pressure:	3.8...5.0 N
Margin for tolerance:	$\pm 0.5^\circ$ dist. shaft

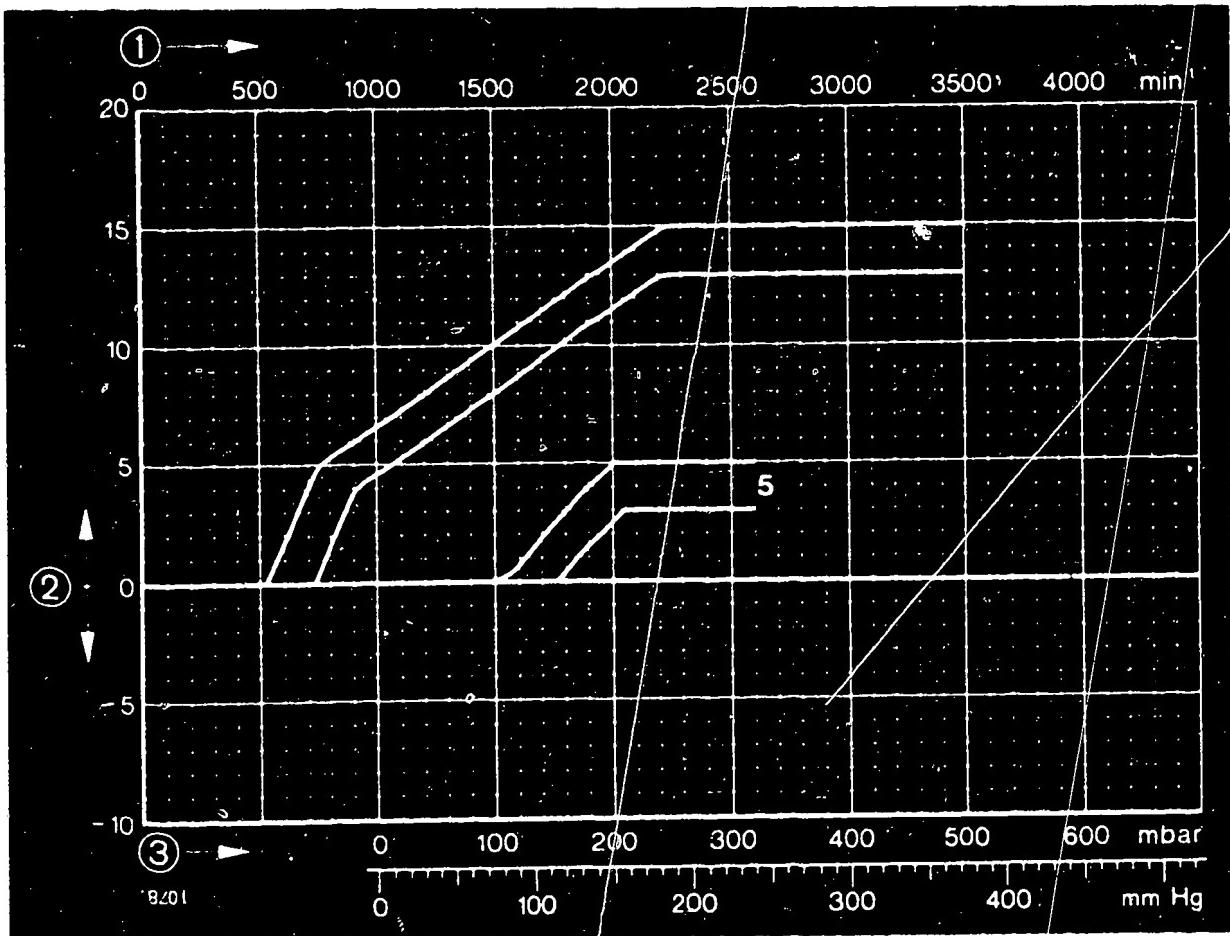
Test instructions: W-231/300

**G14**

Test specifications

Ignition distributors 0 231 ..





0 231 186 021/023

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment in ° distributor shaft
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

Min. contact gap: 0.45 mm

Dwell angle:  $47 \pm 3^\circ$

Contact pressure: 3.8...5.0 N

Margin for tolerance:  $\pm 0.5^\circ$  dist. shaft

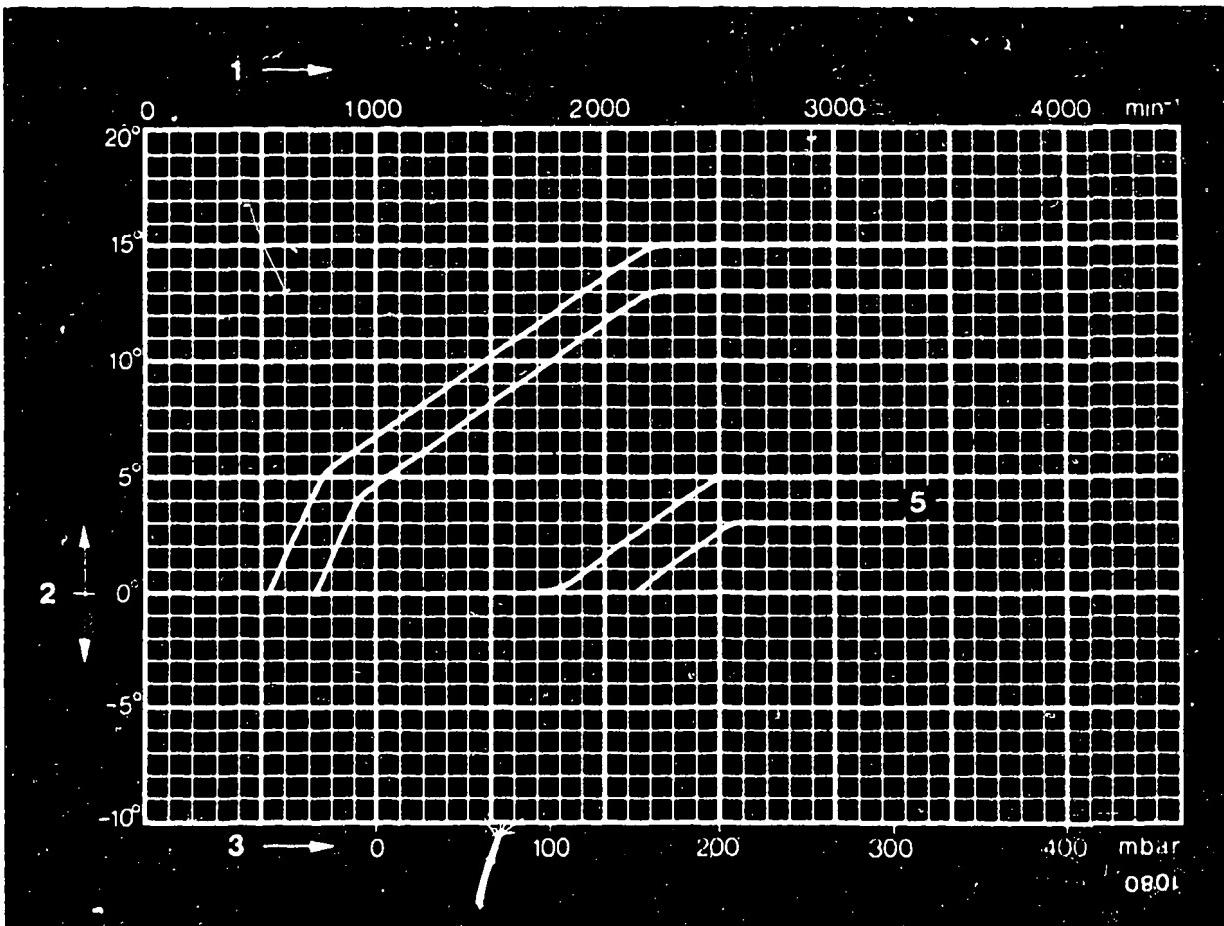
Test instructions: W-231/300

**G 15**

Test specifications

Ignition distributors 0 231 ..





0 231 186 026/027

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

Min. contact gap: 0.45 mm

Dwell angle:  $47 \pm 3^\circ$

Contact pressure: 3.8...5.0 N

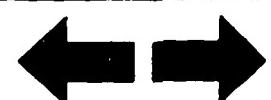
Margin for tolerance:  $\pm 0.5^\circ$  dist. shaft

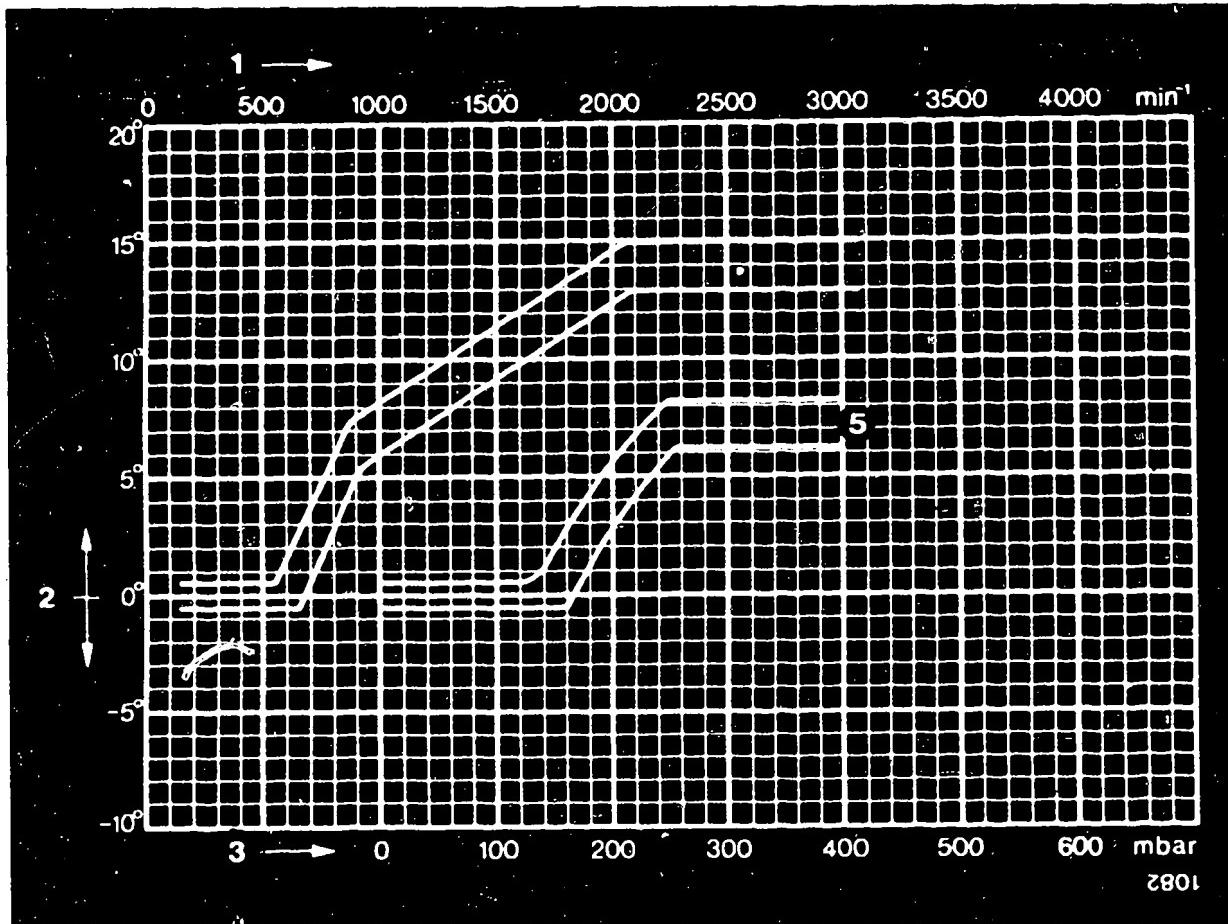
Test instructions: W-231/300

**G16**

Test specifications

Ignition distributors 0 231 ..





0 231 186 028

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

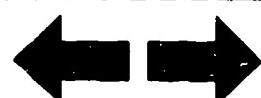
Min. contact gap:	0.40 mm
Dwell angle:	$50 \pm 3^\circ$
Contact pressure:	5.0...6.3 N
Margin for tolerance:	$\pm 0.5^\circ$ dist. shaft

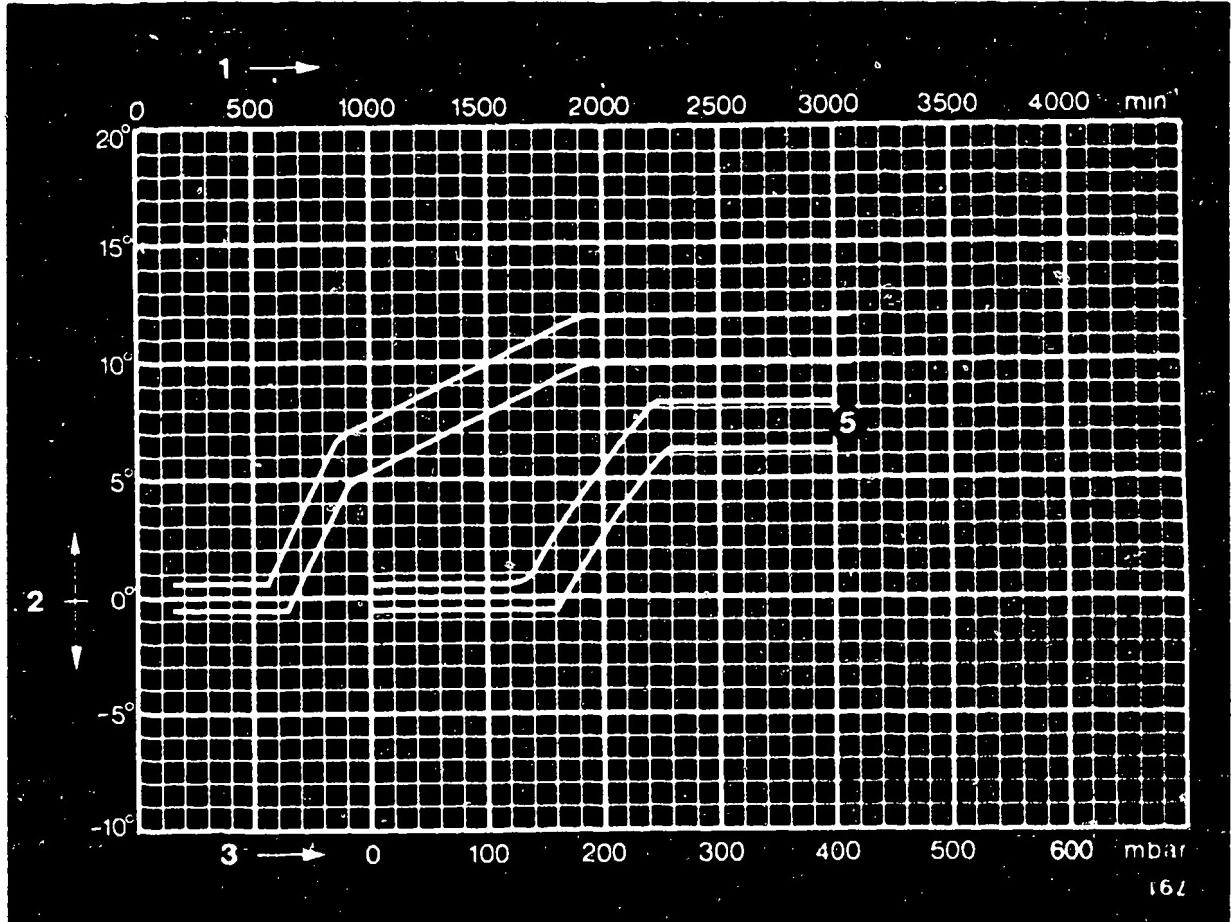
Test instructions: W-231/300

**G17**

Test specifications

Ignition distributors 0 231 ..





0 231 186 029

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment in ° distributor shaft
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

Min. contact gap: 0.40 mm

Dwell angle:  $50 \pm 3^\circ$

Contact pressure: 5.0...6.3 N

Margin for tolerance:  $\pm 0.5^\circ$  dist. shaft

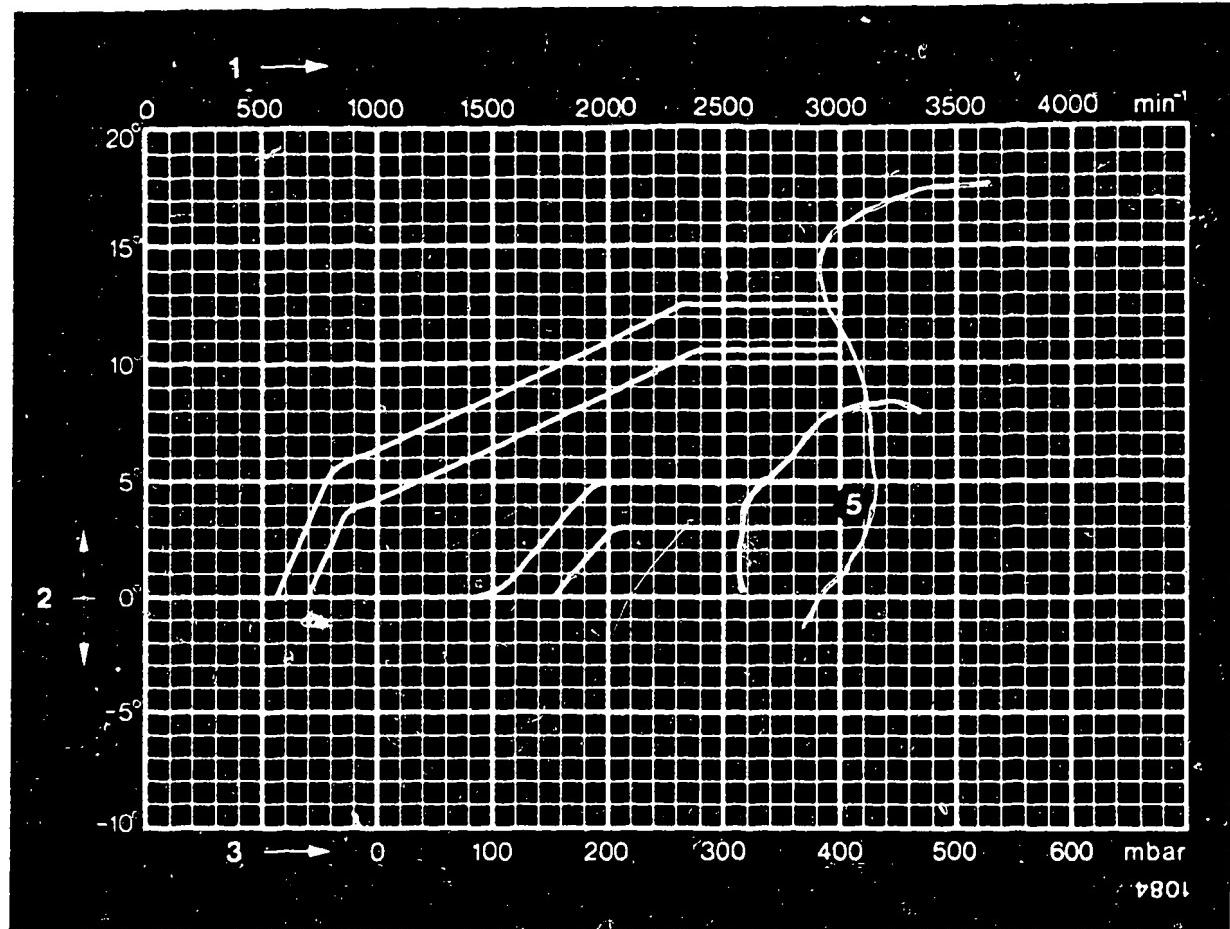
Test instructions: W-231/300

**G 18**

Test specifications

Ignition distributors 0 231 ..





0 231 186 030/031

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

Min. contact gap: 0.45 mm

Dwell angle:  $47 \pm 3^\circ$

Contact pressure: 3.8...5.0 N

Margin for tolerance:  $\pm 0.5^\circ$  dist. shaft

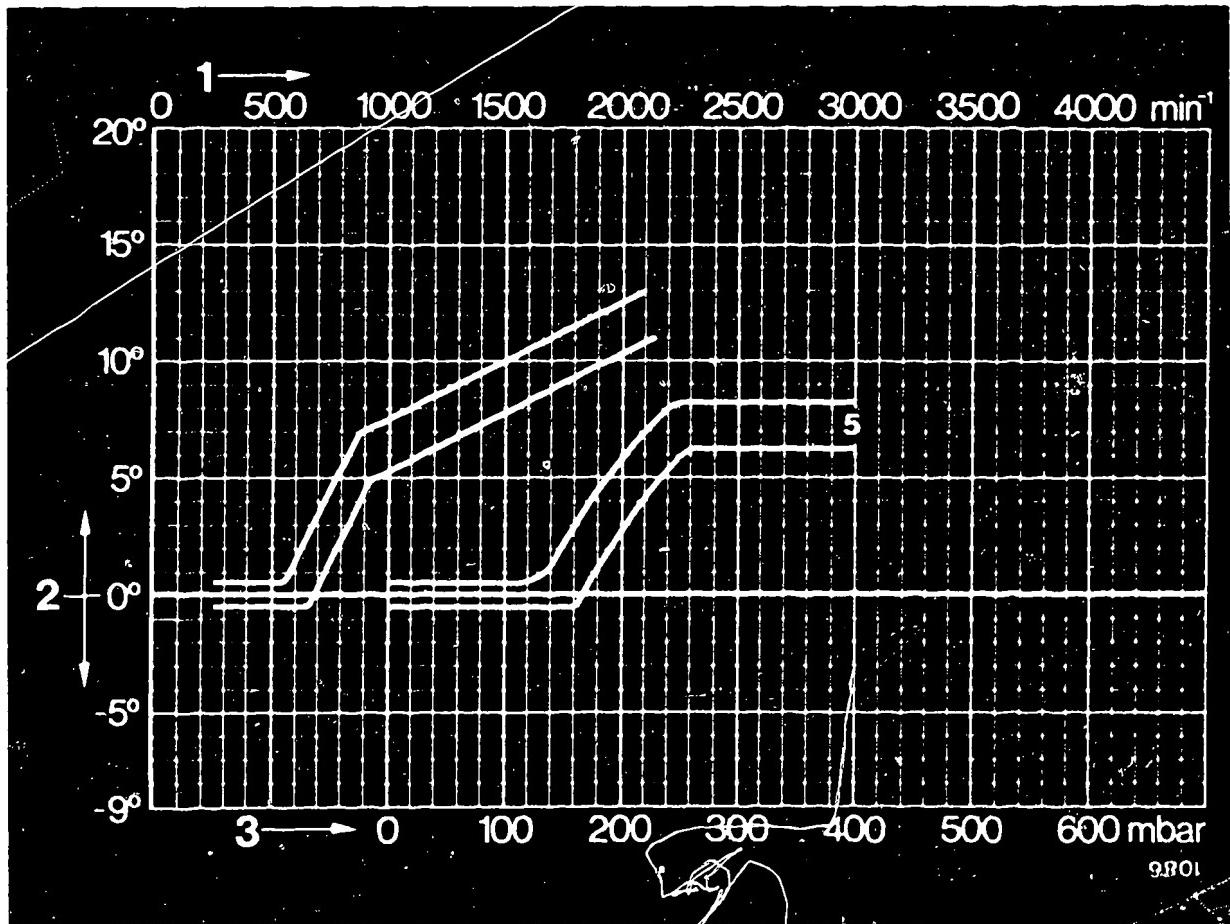
Test instructions: W-231/300

**G 19**

Test specifications

Ignition distributors 0 231 ..





0 231 186 039

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

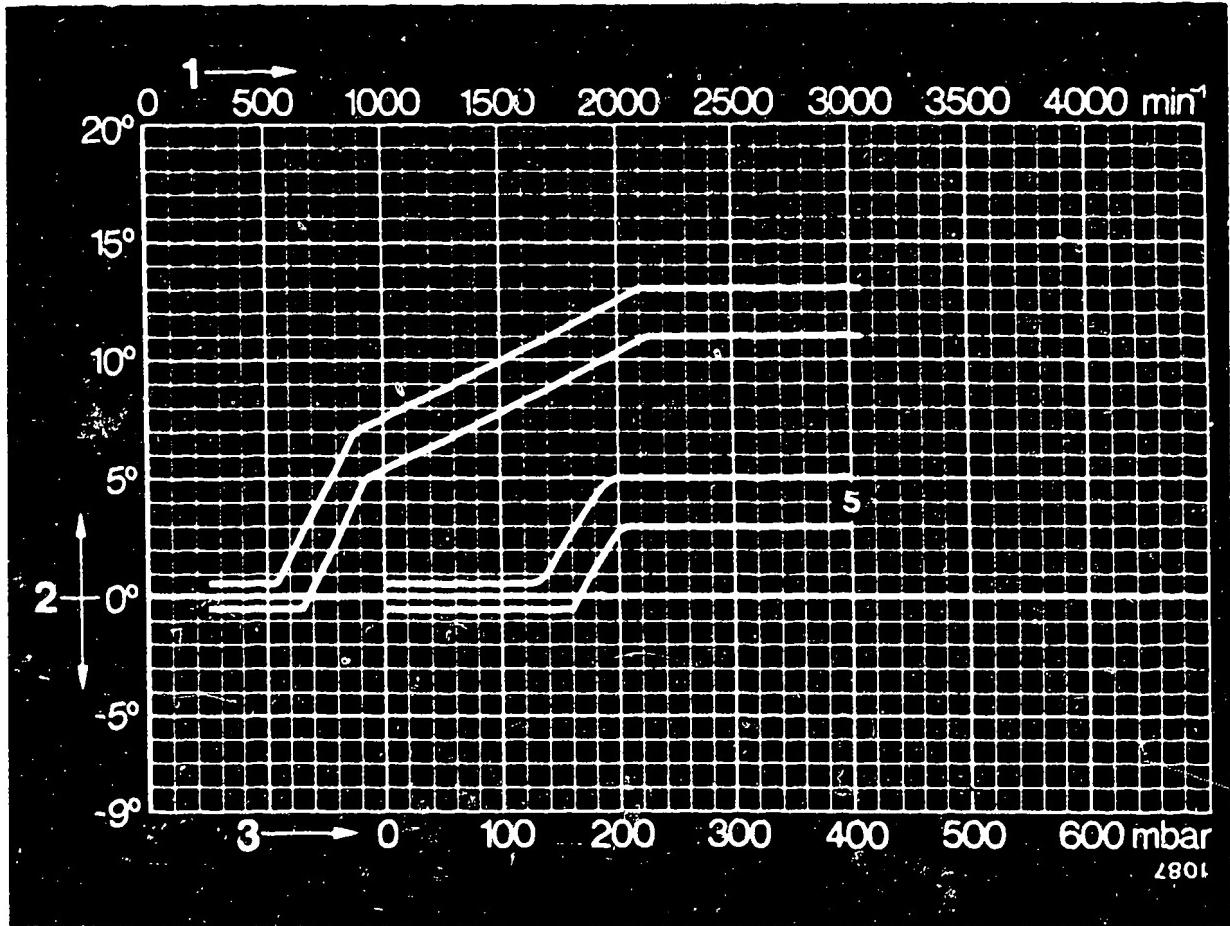
Min. contact gap:	0.35 mm
Dwell angle:	50 $\pm$ 3°
Contact pressure:	5.0...6.3 N
Margin for tolerance:	$\pm$ 0.5° distributor shaft
Test instructions:	W-231/300

**G20**

Test specifications

Ignition distributors 0 231 ..





0 231 186 040

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

Min. contact gap: 0.40 mm

Dwell angle:  $50 \pm 3^\circ$

Contact pressure: 5.6...6.3 N

Margin for tolerance:  $\pm 0.5^\circ$  dist. shaft

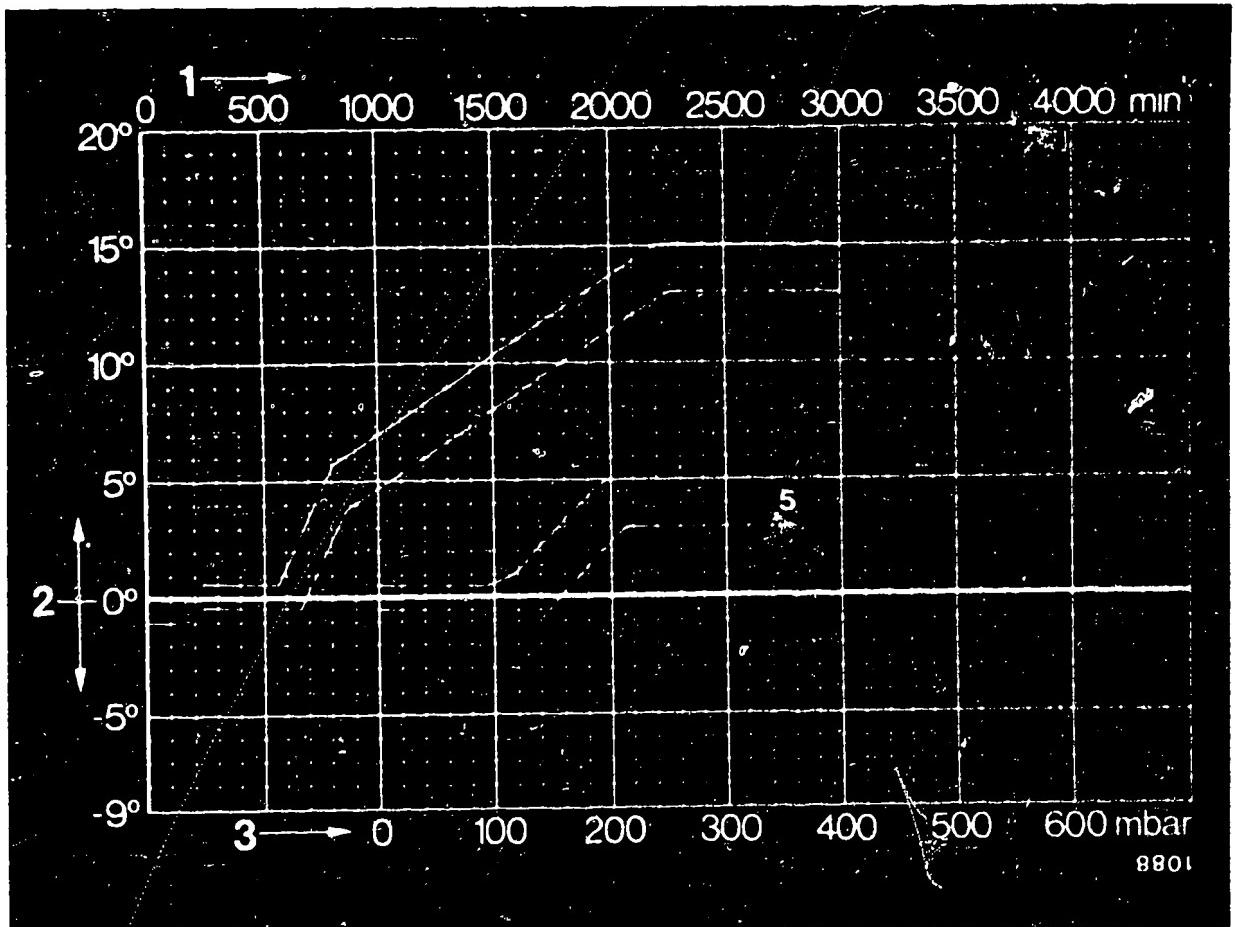
Test instructions: W-231/300

**G21**

Test specifications

Ignition distributors 0 231 ..





0 231 186 042/043

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

Min. contact gap:	0.46 mm
Dwell angle:	$47 \pm 3^\circ$
Contact pressure:	3.8...5.0 N
Margin for tolerance:	$\pm 0.5^\circ$ dist. shaft

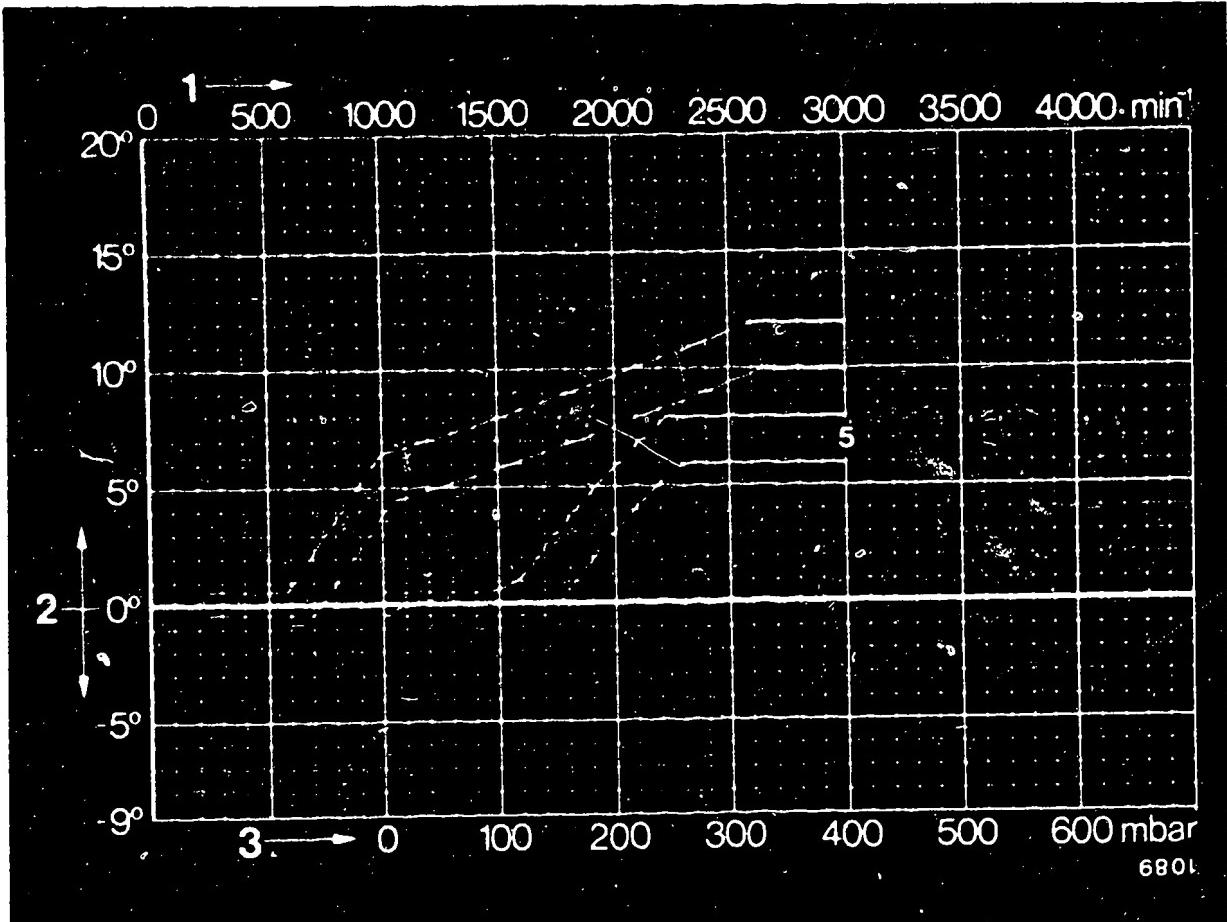
Test instructions: W-231/300

**G22**

Test specifications

Ignition distributors 0 231 ..





0 231 186 045/046

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

Min. contact gap: 0.46...0.56 mm

Dwell angle:  $47 \pm 3^\circ$

Contact pressure: 3.8...5.0 N

Margin for tolerance:  $\pm 0.5^\circ$  dist. shaft

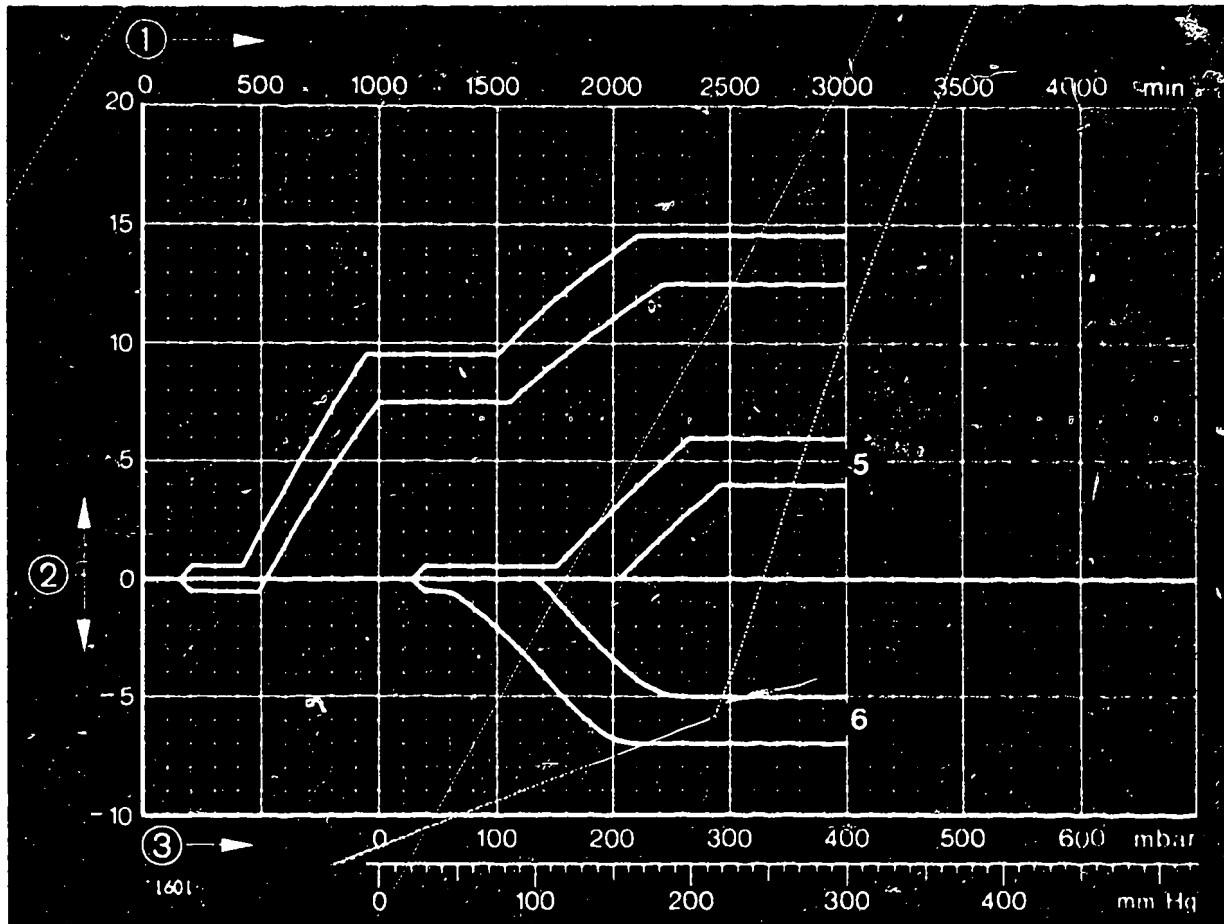
Test instructions: W-231/300

**G23**

Test specifications

Ignition distributors 0 231 ..





0 231 187 002

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment in ° distributor shaft
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance
- 6 = Negative gauge pressure (vacuum) retard

Min. contact gap:	0.45 mm
Dwell angle:	$30 \pm 3^\circ$
Contact pressure:	5.0...6.3 N
Margin for tolerance:	$\pm 0.5^\circ$ dist. shaft

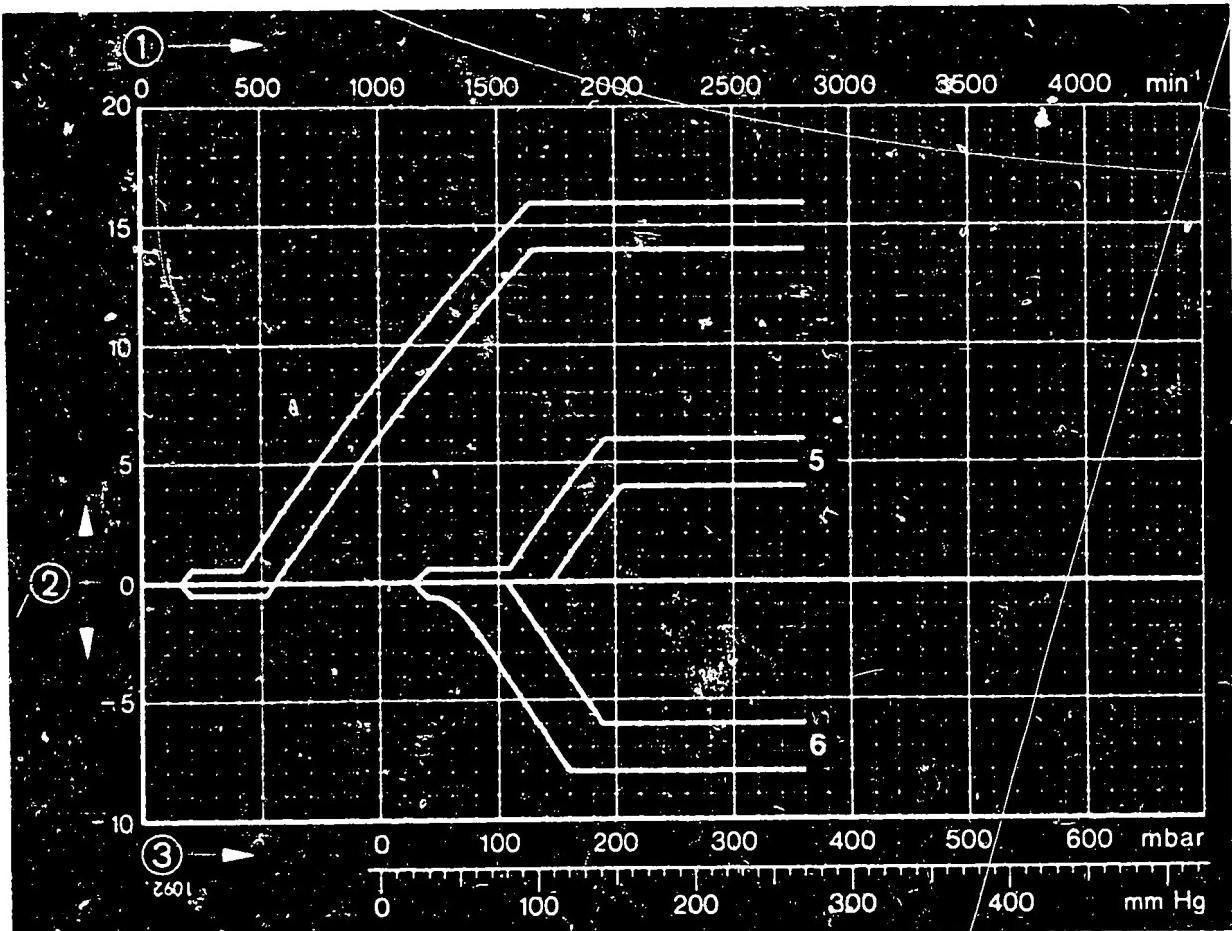
Test instructions: W-231/300

**G24**

Test specifications

Ignition distributors 0 231 ..





0 231 187 003

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment in ° distributor shaft
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance
- 6 = Negative gauge pressure (vacuum) retard

Min. contact gap: 0.45 mm

Dwell angle:  $30 \pm 3^\circ$

Contact pressure: 5.0...6.3 N

Margin for tolerance:  $\pm 0.5^\circ$  dist. shaft

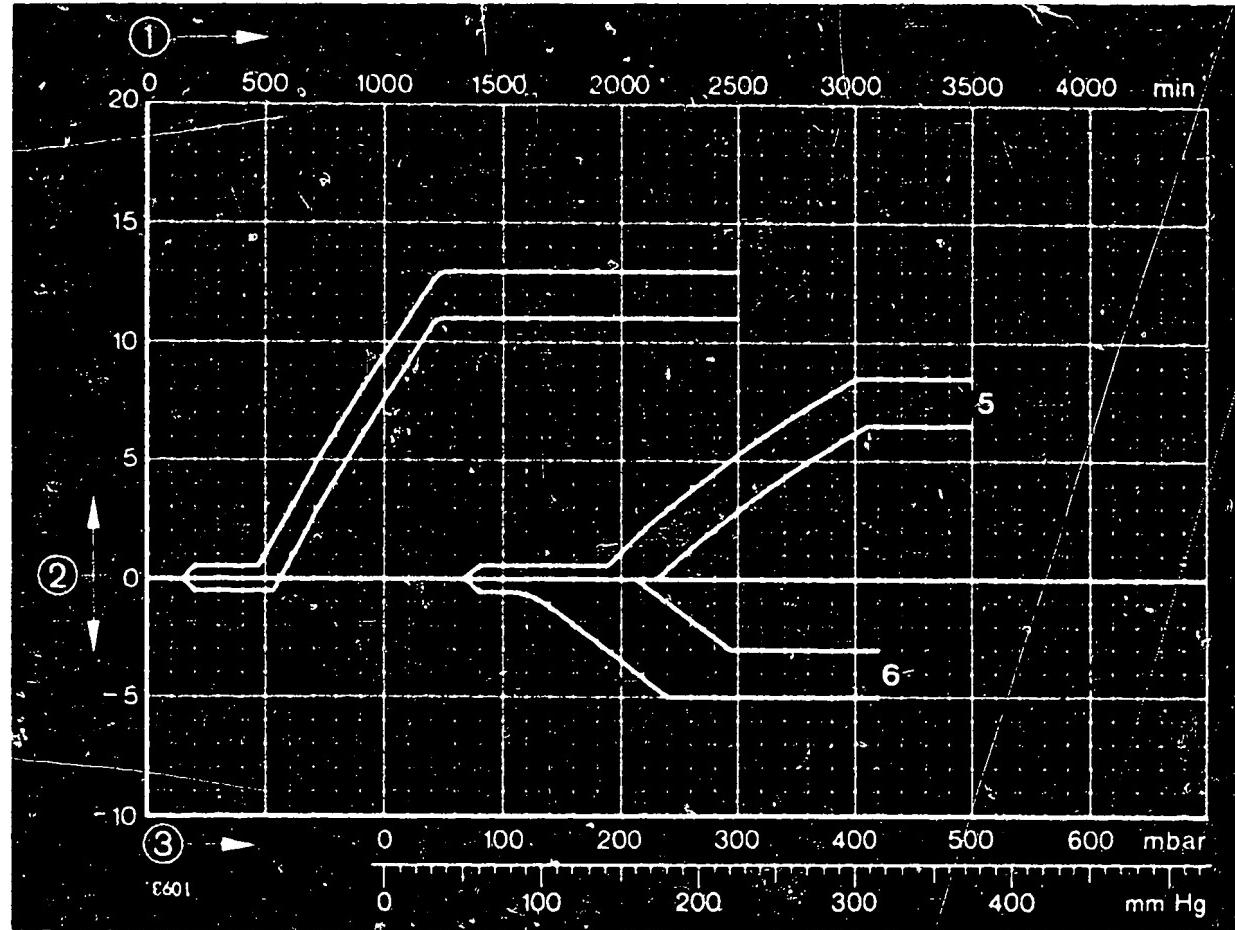
Test instructions: W-231/300

**H1**

Test specifications

Ignition distributors 0 231 ..





0 231 187 004

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment in ° distributor shaft
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance
- 6 = Negative gauge pressure (vacuum) retard

Min. contact gap:	0.30 mm
Dwell angle:	$38 \pm 3^\circ$
Contact pressure:	5.0...6.3 N
Margin for tolerance:	$\pm 0.5^\circ$ dist. shaft

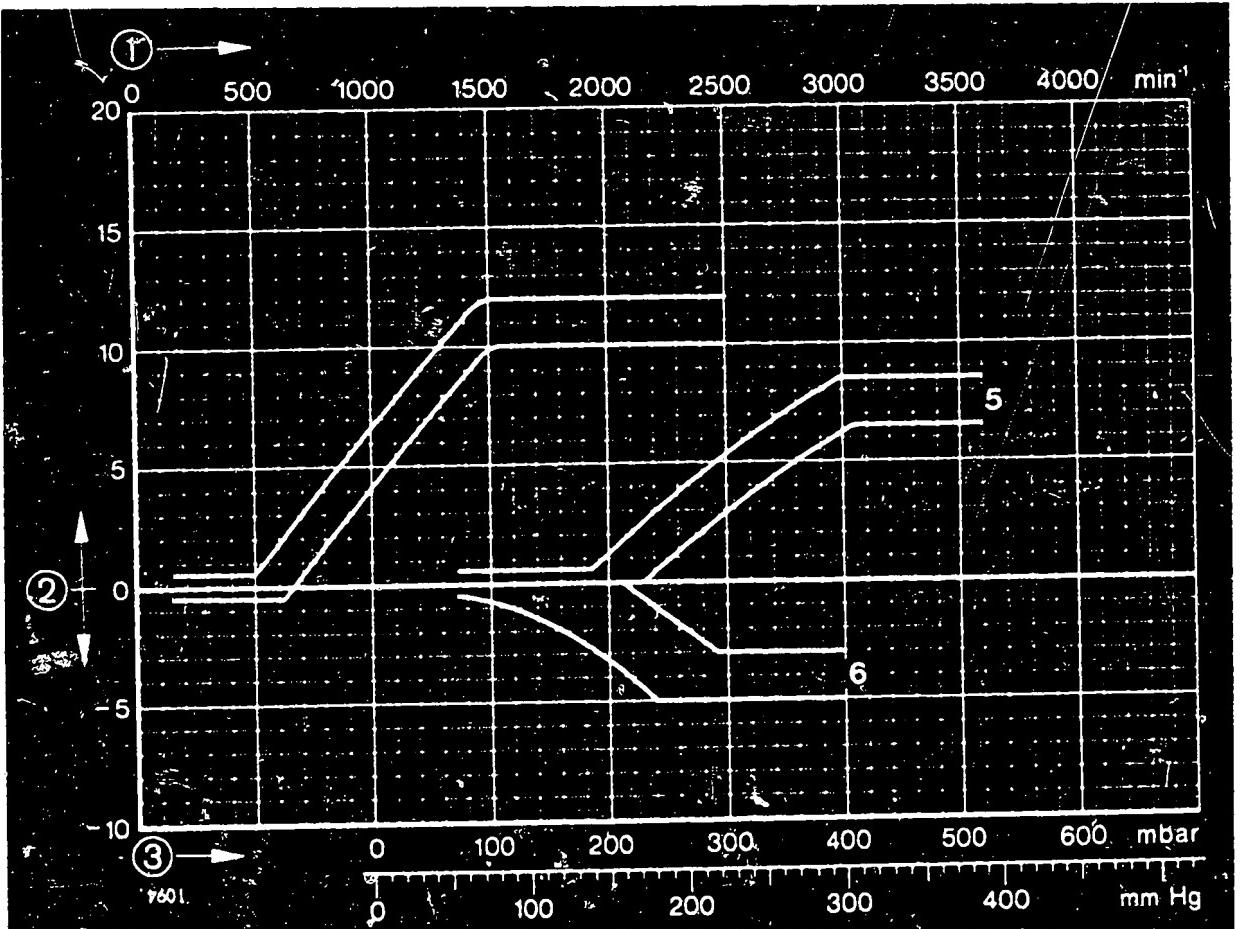
Test instructions: W-231/300

H2

Test specifications

Ignition distributors 0 231 ..





0 231 187 005

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment in ° distributor shaft
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance
- 6 = Negative gauge pressure (vacuum) retard

Min. contact gap: 0.30 mm

Dwell angle:  $38 \pm 3^\circ$

Contact pressure: 5.0...6.3 N

Margin for tolerance:  $\pm 0.5^\circ$  dist. shaft

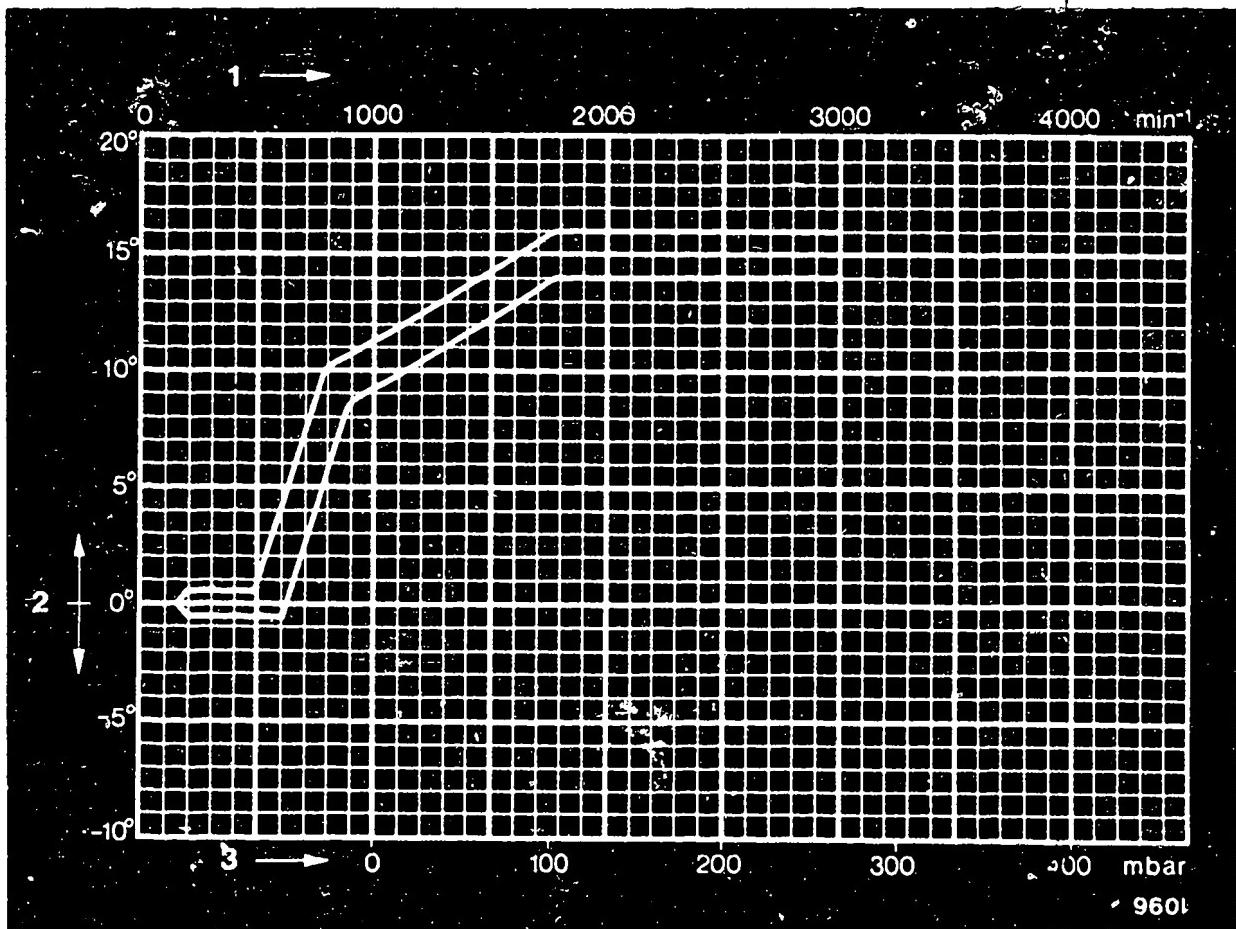
Test instructions: W-231/300

**H3**

Test specifications

Ignition distributors 0 231 ..





0 231 188 002

1 = Rotational speed, distributor shaft

2 = Distributor shaft adjustment

3 = Negative gauge pressure (vacuum)

Min. contact gap: 0.35 mm

Dwell angle:  $62 \pm 3^\circ$

Contact pressure: 5.0...6.3 N

Margin for tolerance:  $\pm 0.5^\circ$  dist. shaft

Cut-out speed of limiter: 3200 to 3400 min⁻¹

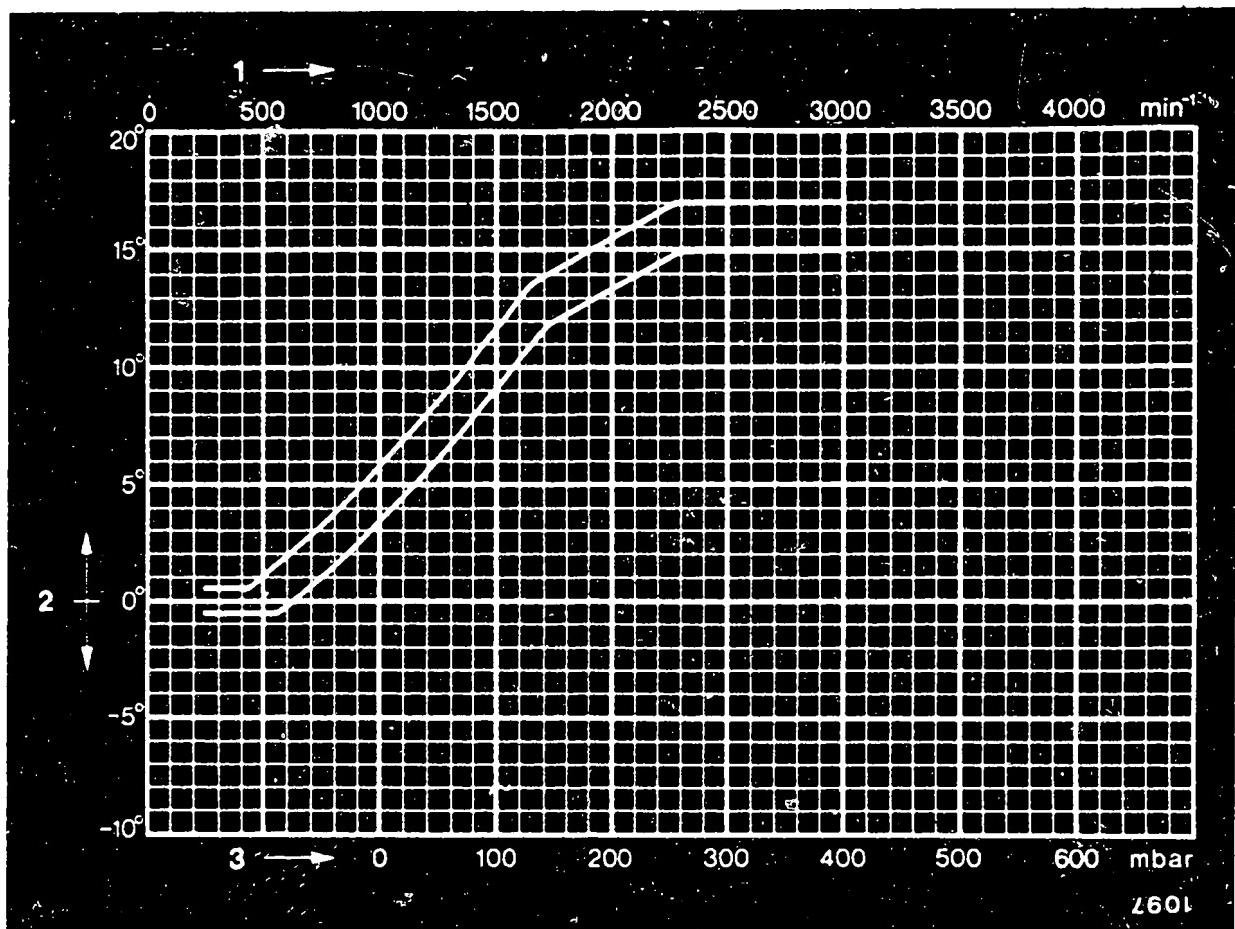
Test instructions: W-231/300

**H4**

Test specifications

Ignition distributors 0 231 ..





0 231 188 003

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment
- 3 = Negative gauge pressure (vacuum)

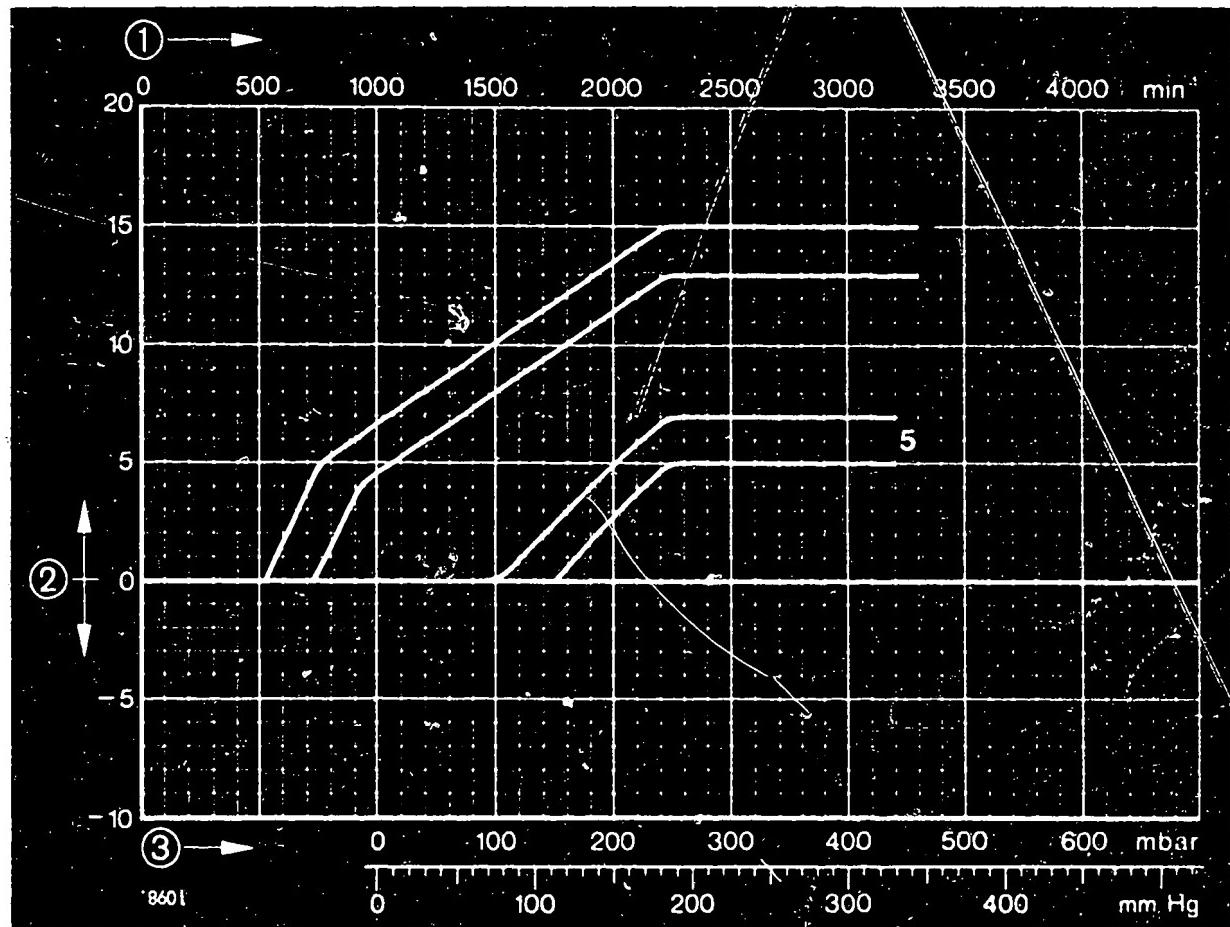
Min. contact gap:	0.40 mm
Dwell angle:	62 $\pm$ 3°
Contact pressure:	5.0...6.3 N
Margin for tolerance:	$\pm$ 0.5° dist. shaft
Cut-out speed of limiter:	2860 to 3040 min⁻¹
Test instructions:	W-231/300

**H5**

Test specifications

Ignition distributors 0 231 ..





0 231 191 001/002

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment in ° distributor shaft
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

Min. contact gap: 0.45 mm

Dwell angle:  $47 \pm 3^\circ$

Contact pressure: 3.8...5.0 N

Margin for tolerance:  $\pm 0.5^\circ$  dist. shaft

Cut-out speed of limiter: 3250 to 3450  $\text{min}^{-1}$

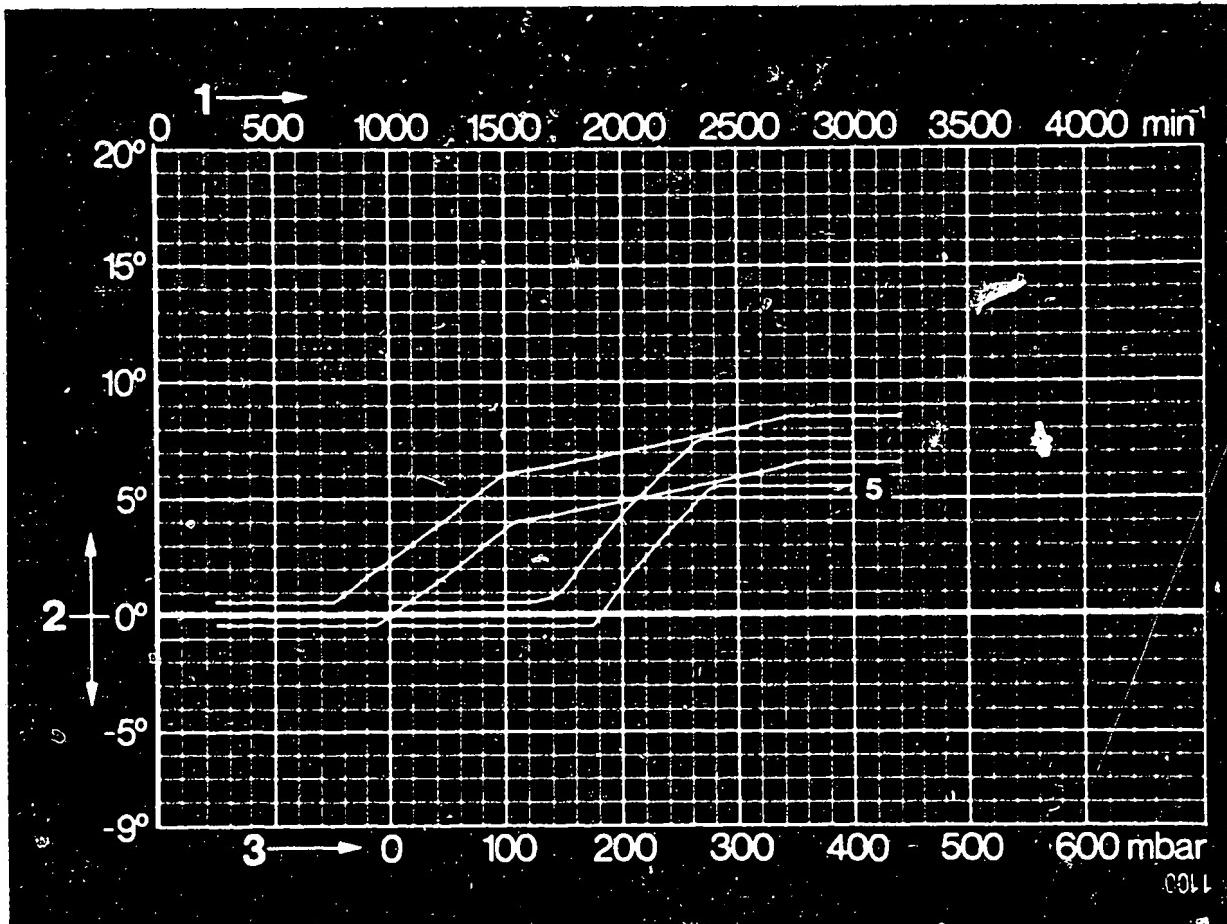
Test instructions: W-231/300

**H6**

Test specifications

Ignition distributors 0 231 ..





0 231 191 003/004

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

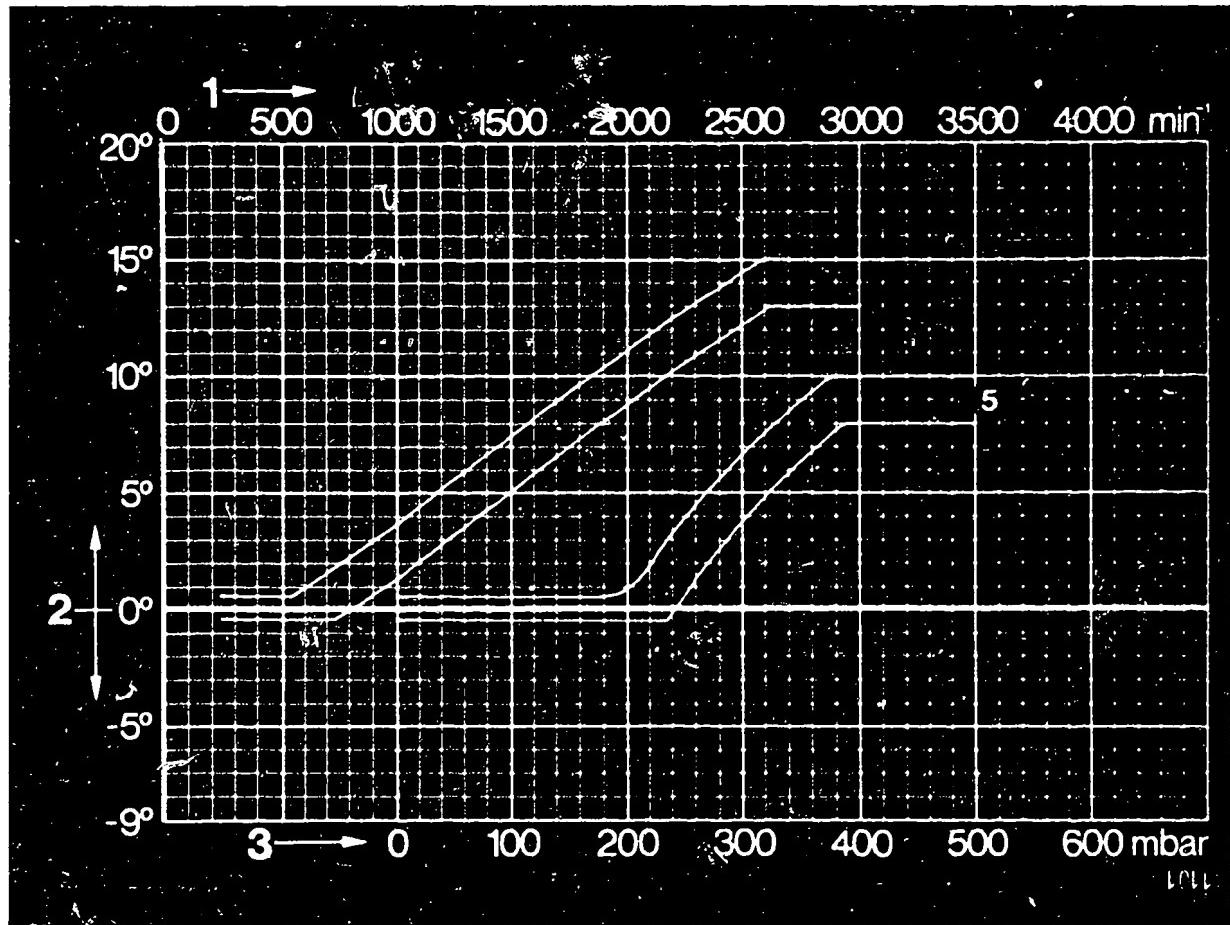
Min. contact gap:	0.46 mm
Dwell angle:	47 $\pm$ 3°
Contact pressure:	3.8...5.0 N
Margin for tolerance:	$\pm$ 0.5° dist. shaft
Cut-out speed of limiter:	3190 to 3380 min⁻¹
Test instructions:	W-231/300

H7

Test specifications

Ignition distributors 0 231 ..





0 231 191 005/006

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

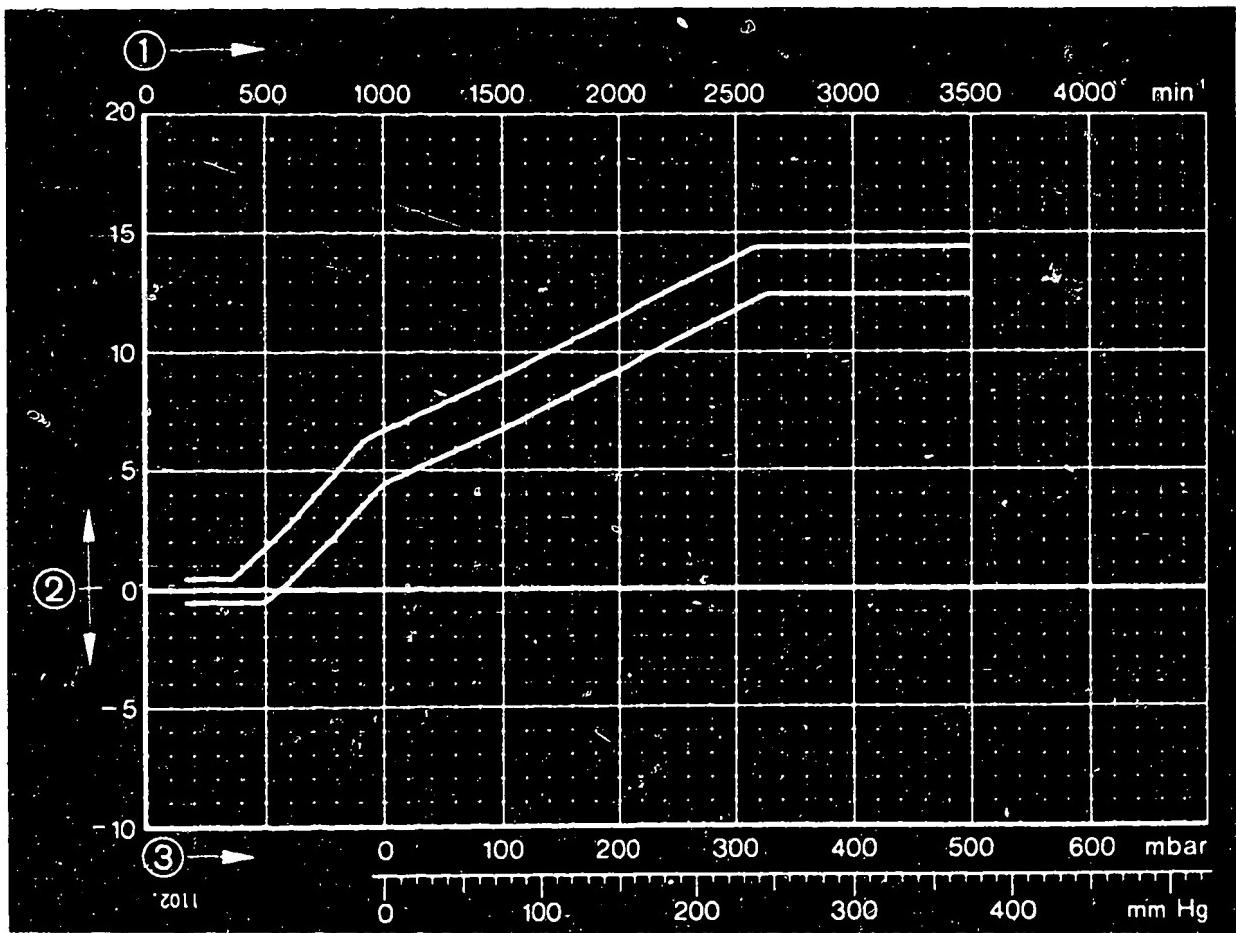
Min. contact gap:	0.46 mm
Dwell angle:	$47 \pm 3^\circ$
Contact pressure:	3.8...5.0 N
Margin for tolerance:	$\pm 0.5^\circ$ dist. shaft
Cut-out speed of limiter:	3190 to 3380 $\text{min}^{-1}$
Test instructions:	W-231/300

H8

Test specifications

Ignition distributors 0 231 ..





0 231 193 001

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment in ° distributor shaft
- 3 = Negative gauge pressure (vacuum)

Min. contact gap:	0.40 mm
Dwell angle:	$50 \pm 3^\circ$
Contact pressure:	5.0...6.3 N
Margin for tolerance:	$\pm 0.5^\circ$ dist. shaft

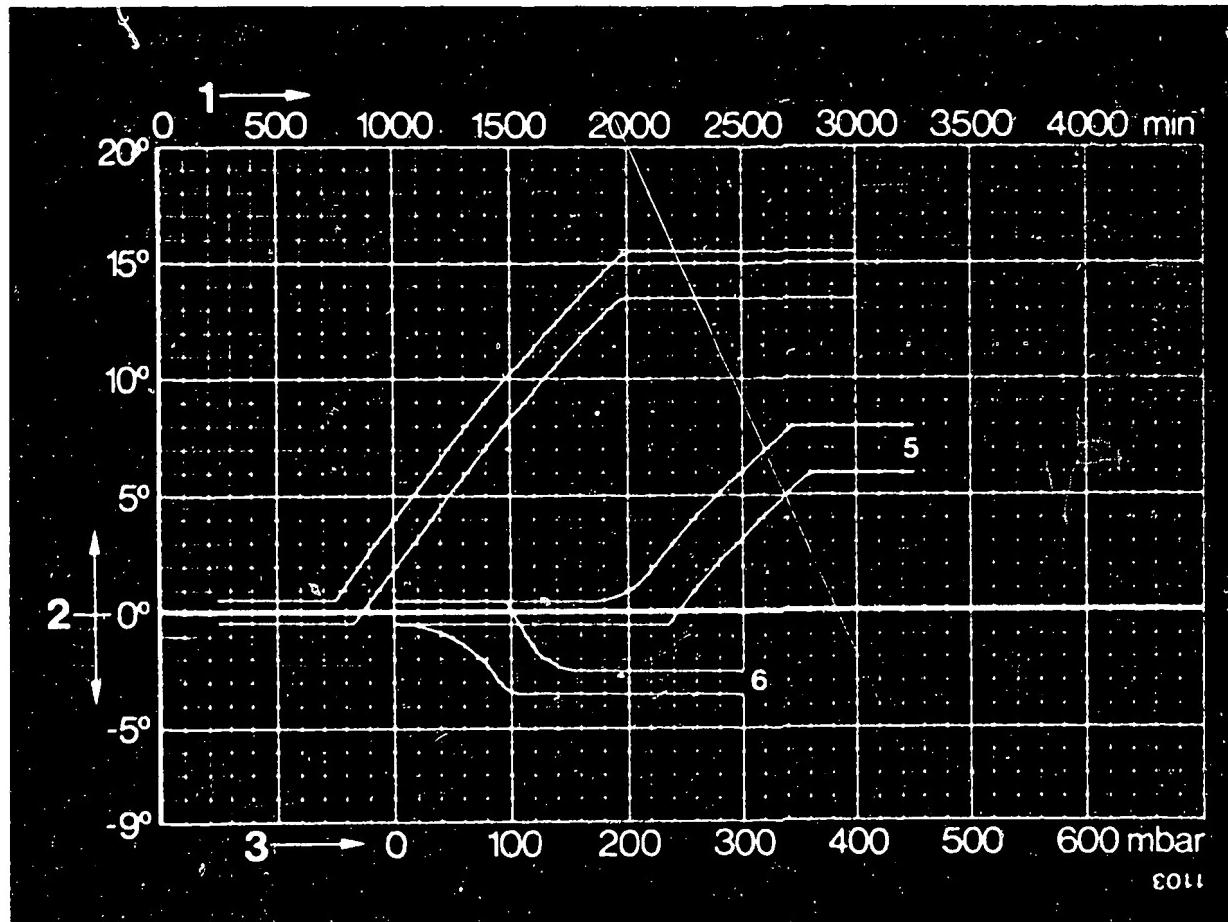
Test instructions: W-231/300

**H9**

Test specifications

Ignition distributors 0 231 ..





0 231 194 001/002

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance
- 6 = Negative gauge pressure (vacuum) retard

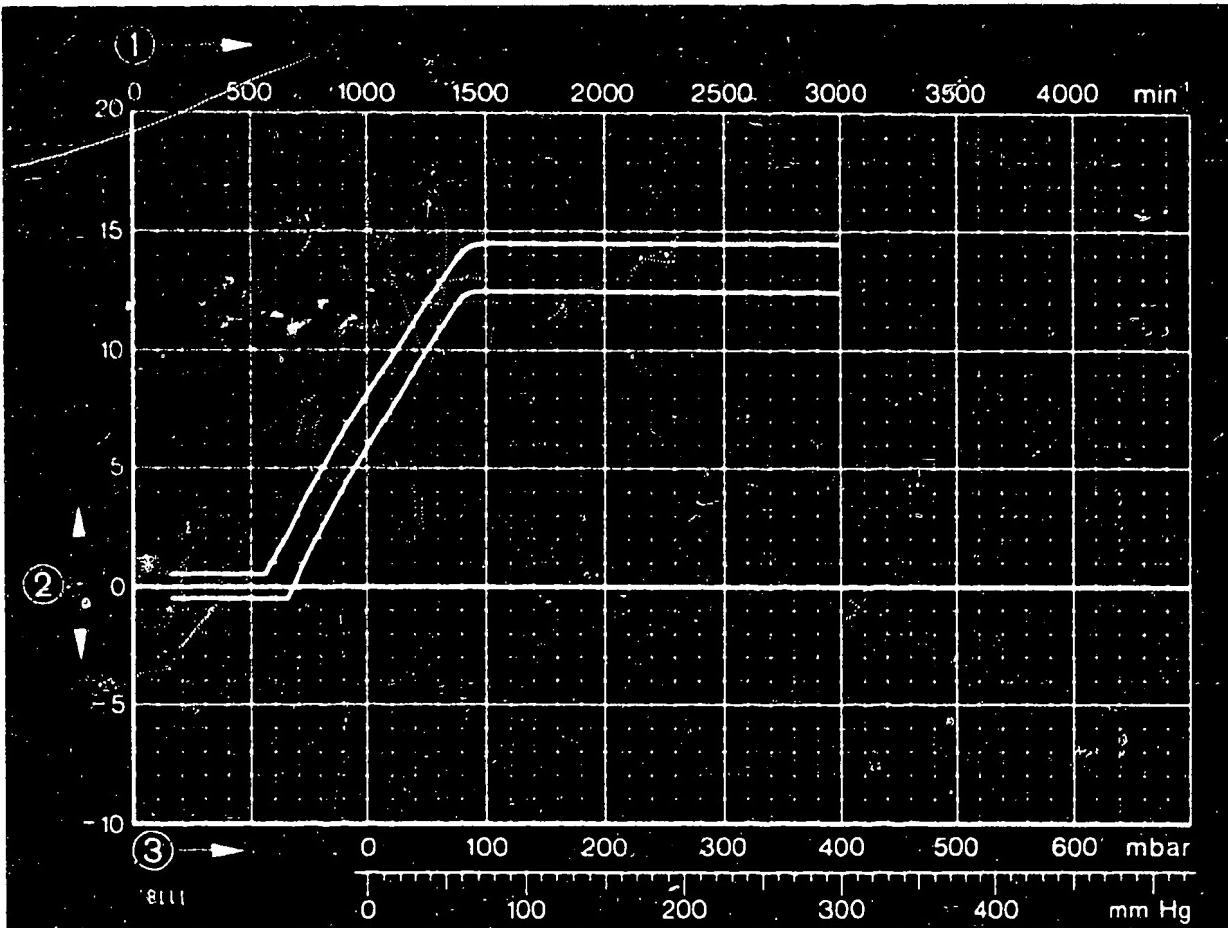
Min. contact gap:	0.45...0.56 mm
Dwell angle:	47 <u>±</u> 3°
Contact pressure:	3.8...5.0 N
Margin for tolerance:	<u>±</u> 0.5° dist. shaft
Cut-out speed of limiter:	3190 to 3380 min⁻¹
Test instructions:	W-231/300

H10

Test specifications

Ignition distributors 0 231 ..





0 231 301 017

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment in ° distributor shaft
- 3 = Negative gauge pressure (vacuum)

Min. contact gap:	0.40 mm
Dwell angle:	$38 \pm 3^\circ$
Contact pressure:	5.0...6.3 N
Margin for tolerance:	$\pm 0.5^\circ$ dist. shaft

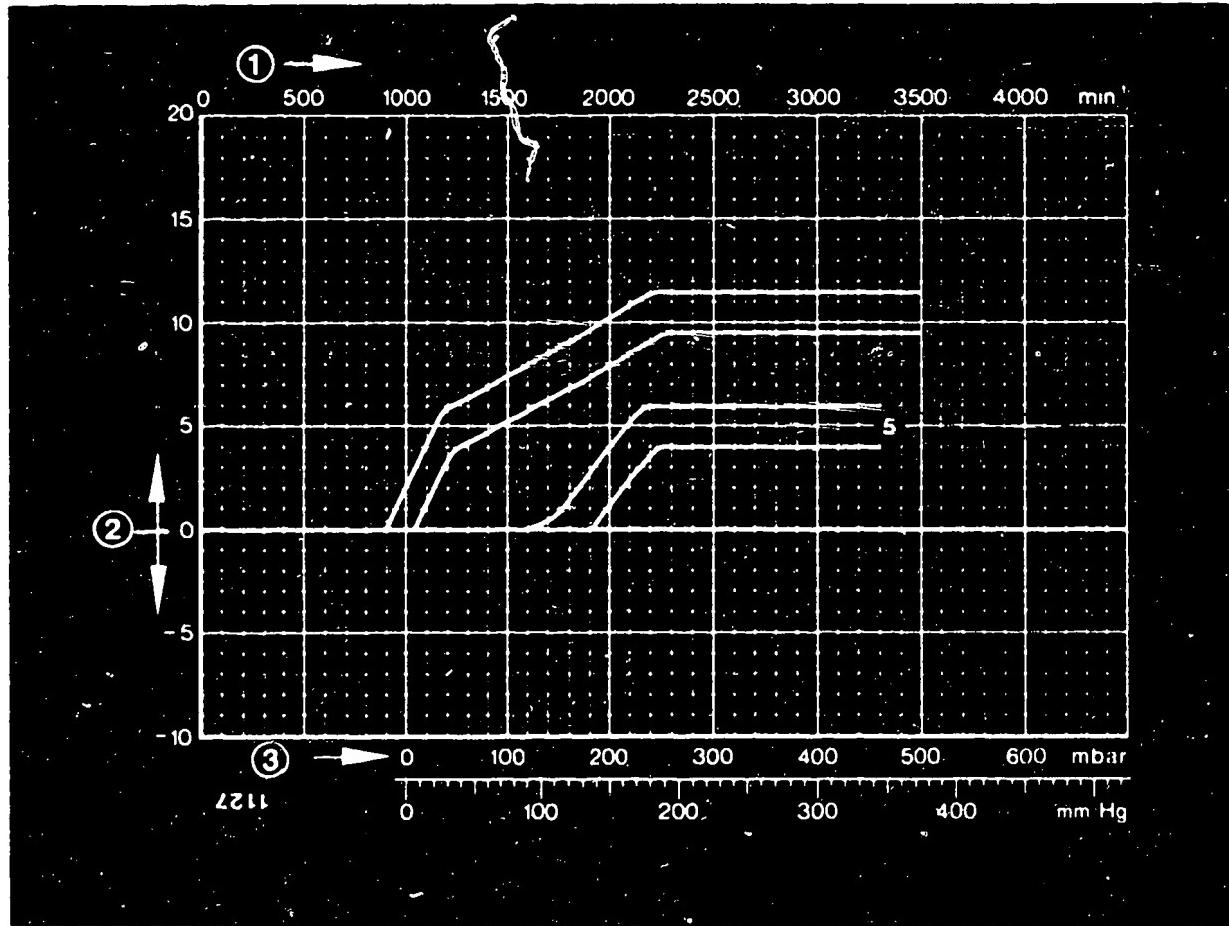
Test instructions: W-231/300

H11

Test specifications

Ignition distributors 0 231 ..





0 231 303 004

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

Min. contact gap:	0.30 mm
Dwell angle:	$63 \pm 3^\circ$
Contact pressure:	5.0...6.3 N
Margin for tolerance:	$\pm 0.5^\circ$ dist. shaft

Test instructions: W-231/300

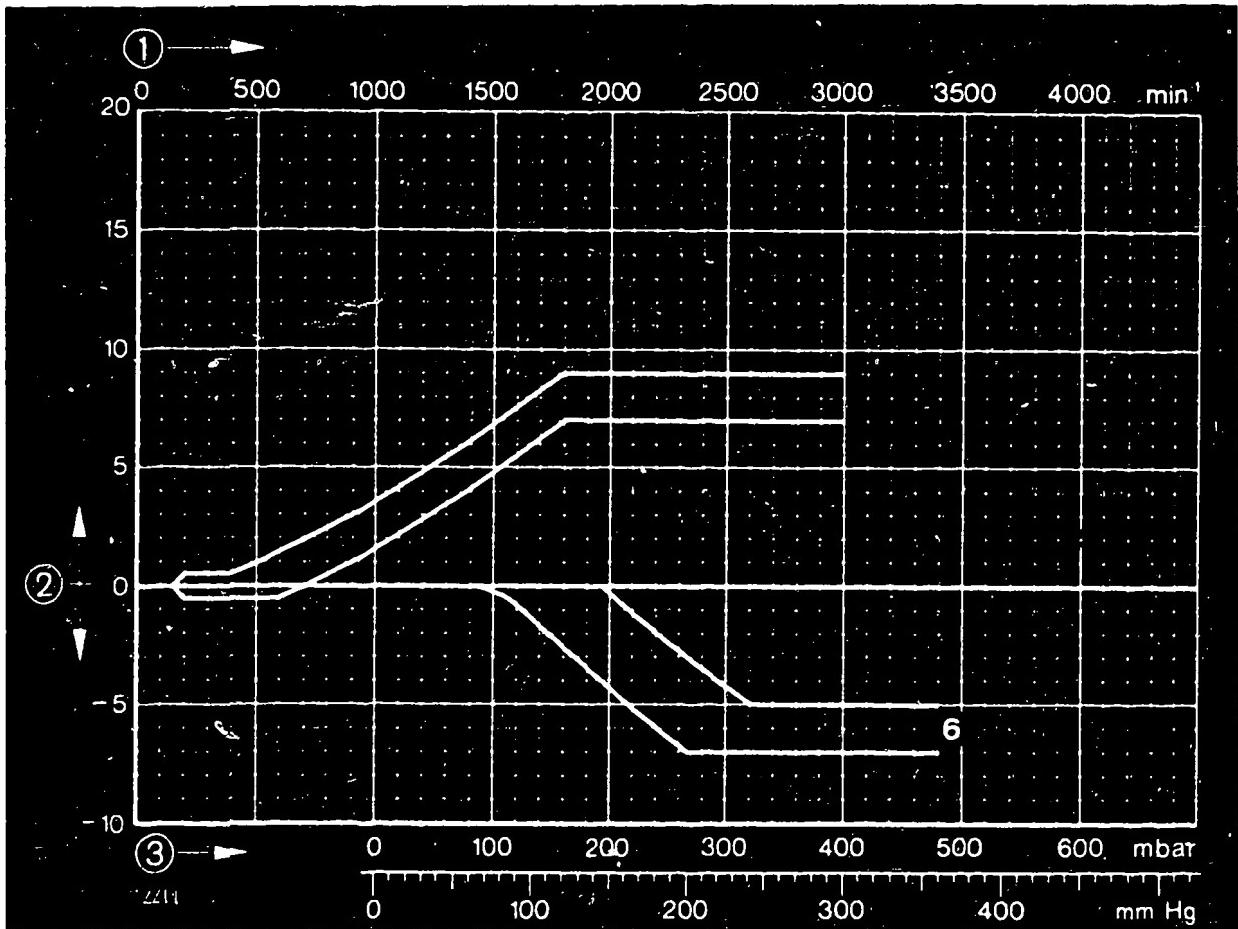
8

H12

Test specifications

Ignition distributors 0 231 ..





0 231 305 070

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment in ° distributor shaft
- 3 = Negative gauge pressure (vacuum)
- 6 = Negative gauge pressure (vacuum) retard

Min. contact gap:	0.35 mm
Dwell angle:	$38 \pm 3^\circ$
Contact pressure:	5.0...6.3 N
Margin for tolerance:	$\pm 0.5^\circ$ dist. shaft

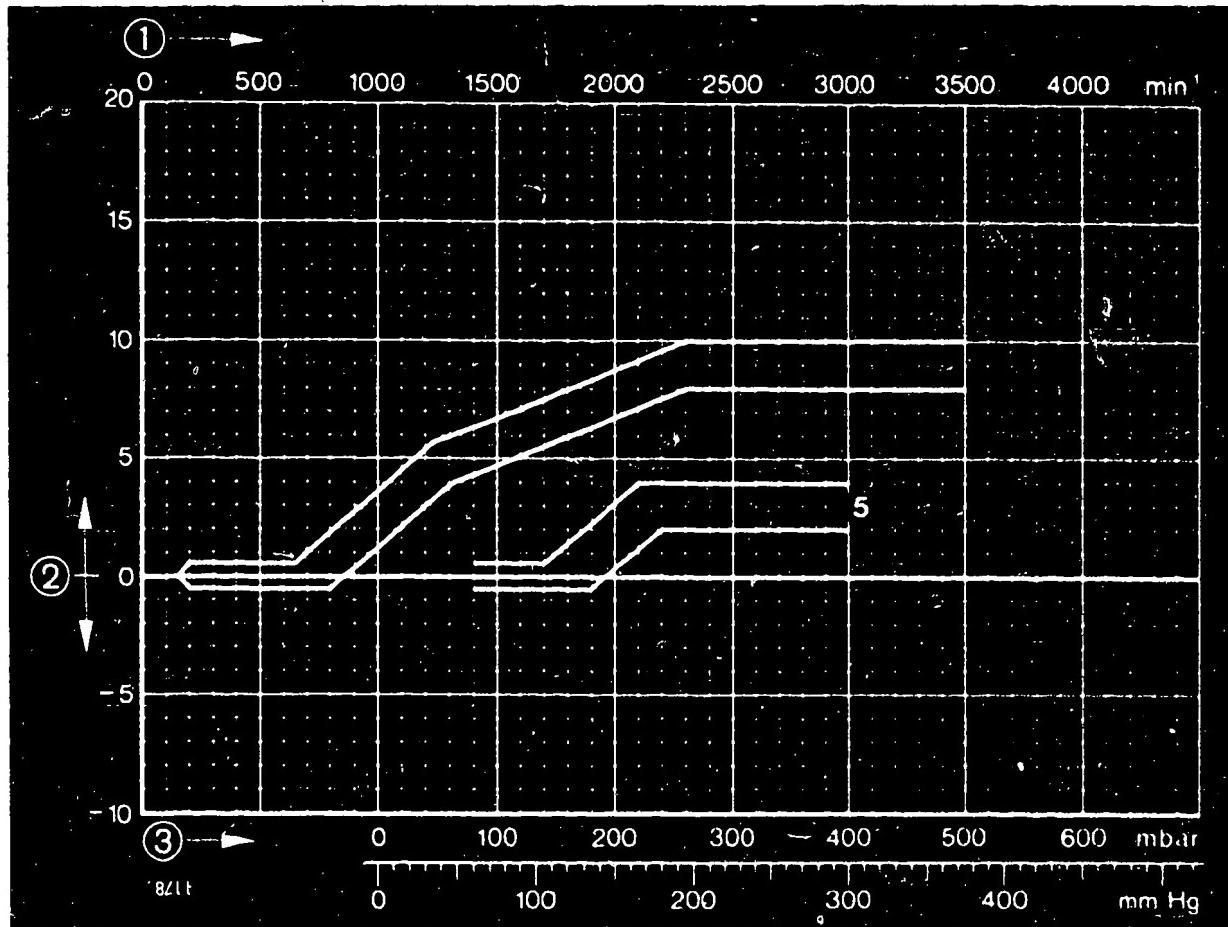
Test instructions: W-231/300

**H13**

Test specifications

Ignition distributors 0 231 ..





0 231 305 071/072

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment in ° distributor shaft
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

Min. contact gap:	0.30 mm
Dwell angle:	$38 \pm 3^\circ$
Contact pressure:	5.0...6.3 N
Margin for tolerance:	$\pm 0.5^\circ$ dist. shaft

Test instructions: W-231/300

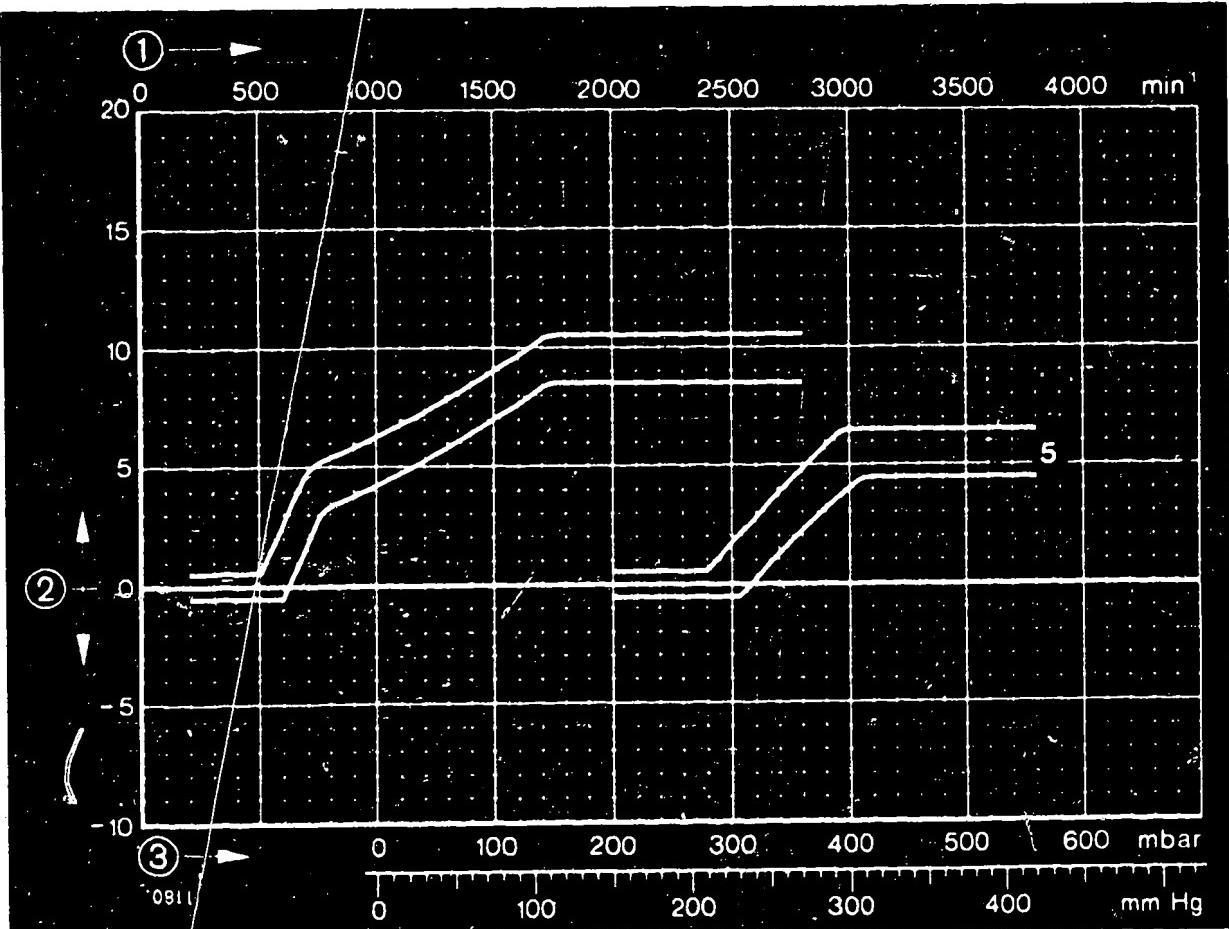
Clamping flange:	1 685 700 133
Driver:	1 686 400 003

**H14**

Test specifications

Ignition distributors 0 231 ..





0 231 305 073

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment in ° distributor shaft
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

Min. contact gap: 0.35 mm

Dwell angle:  $38 \pm 3^\circ$

Contact pressure: 5.0...6.3 N

Margin for tolerance:  $\pm 0.5^\circ$  dist. shaft

Test instructions: W-231/300

Clamping flange: 1 685 700 129

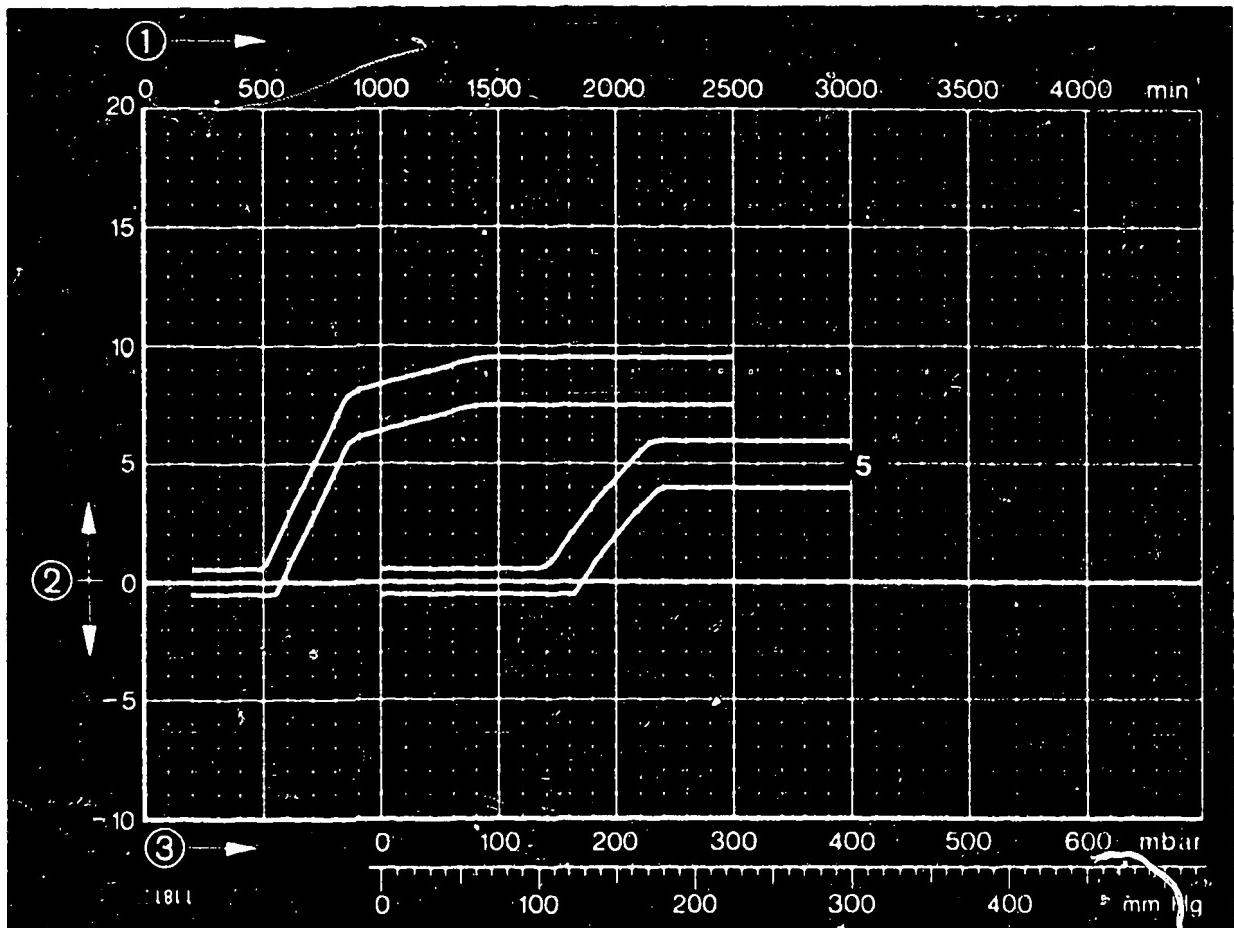
Driver: 1 686 400 004

**H15**

Test specifications

Ignition distributors 0 231 ..





0 231 305 075/076

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment in ° distributor shaft
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

Min. contact gap: 0.30 mm

Dwell angle:  $38 \pm 3^\circ$

Contact pressure: 5.0...6.3 N

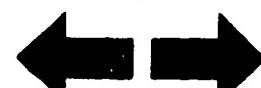
Margin for tolerance:  $\pm 0.5^\circ$  dist. shaft

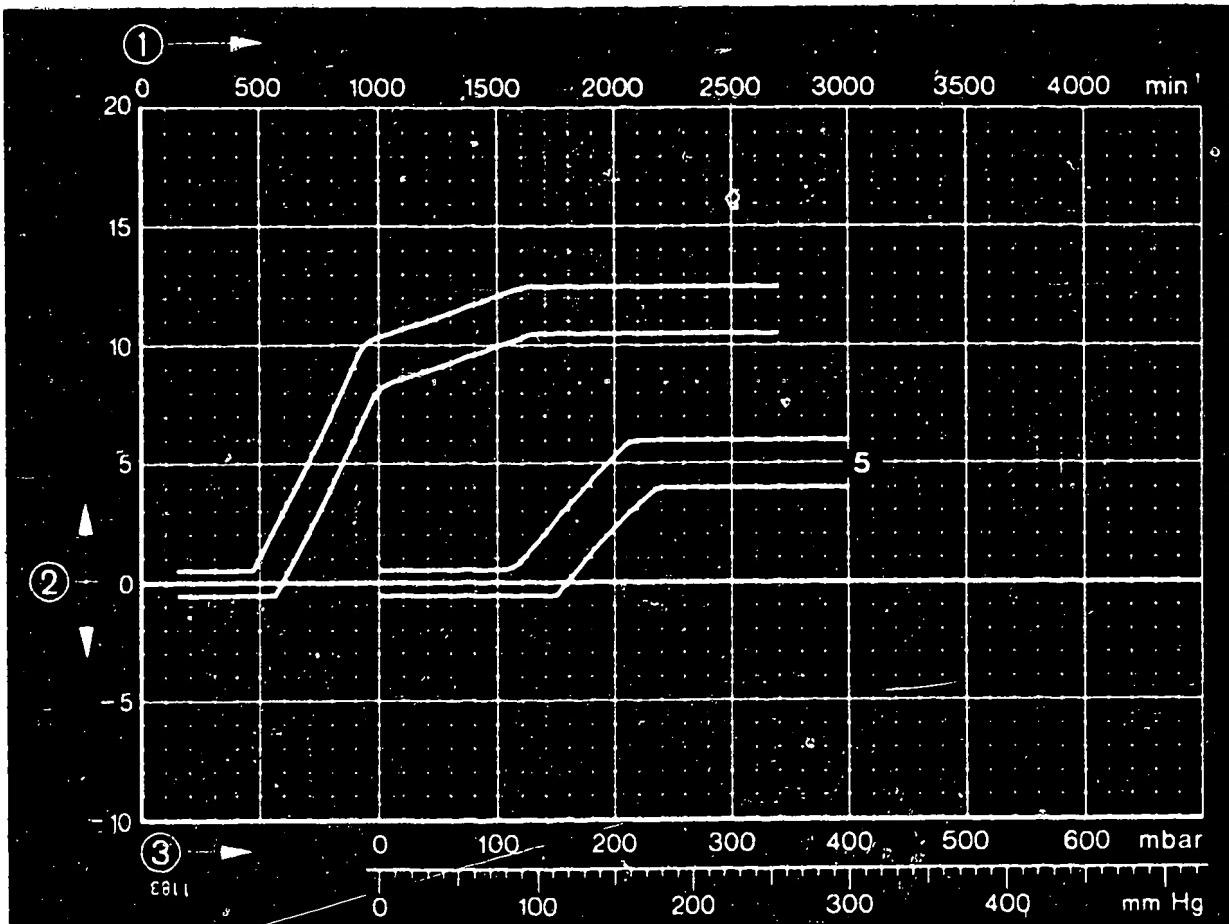
Test instructions: W-231/300

**H16**

Test specifications

Ignition distributors 0 231 ..





0 231 305 077/078

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment in ° distributor shaft
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

Min. contact gap:	0.30 mm
Dwell angle:	$38 \pm 3^\circ$
Contact pressure:	5.0...6.3 N
Margin for tolerance:	$\pm 0.5^\circ$ dist. shaft

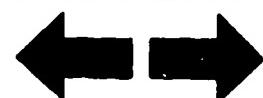
Test instructions: W-231/300

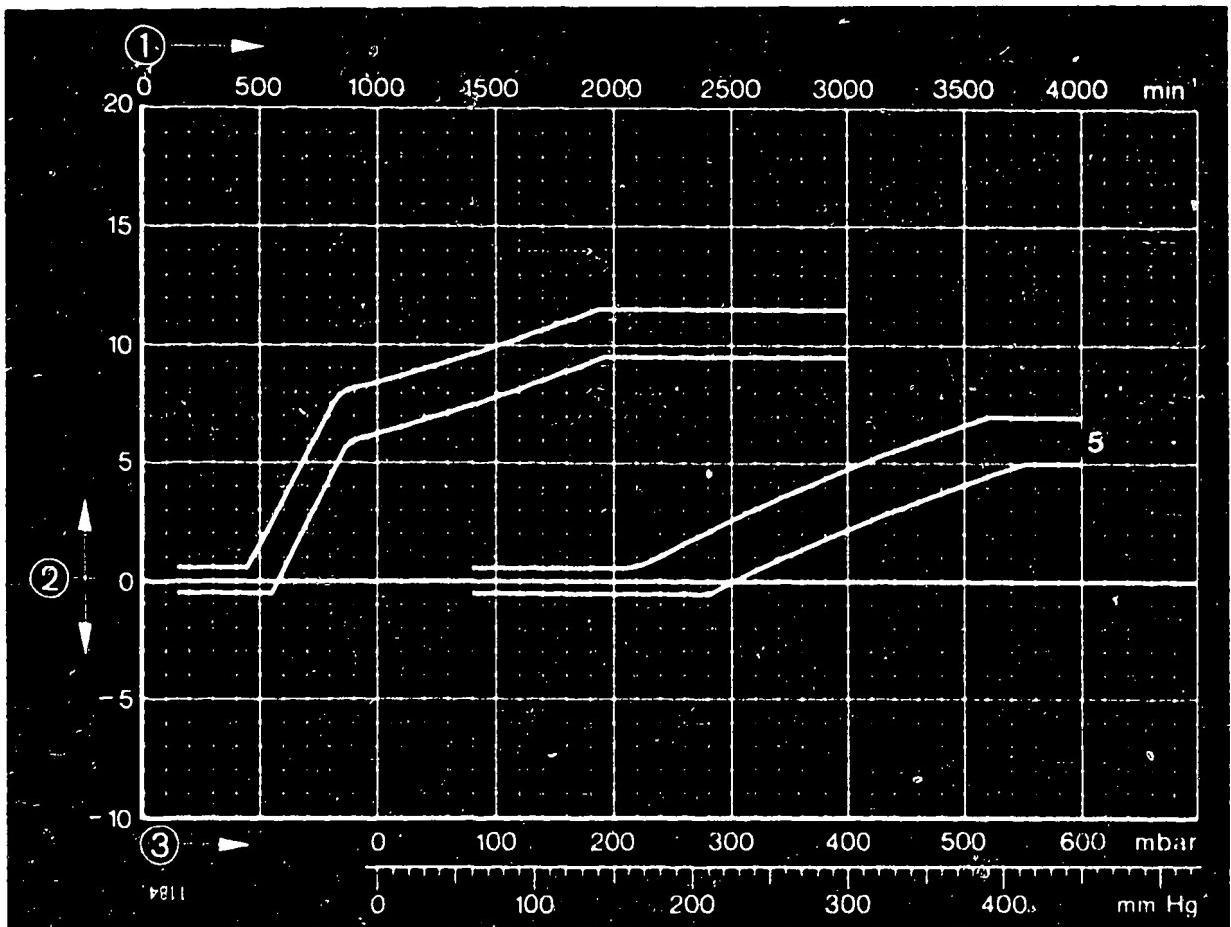
Clamping flange:	1 685 700 133
Driver:	1 686 400 003

H17

Test specifications

Ignition distributors 0 231 ..





0 231 305 077/078

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment in ° distributor shaft
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

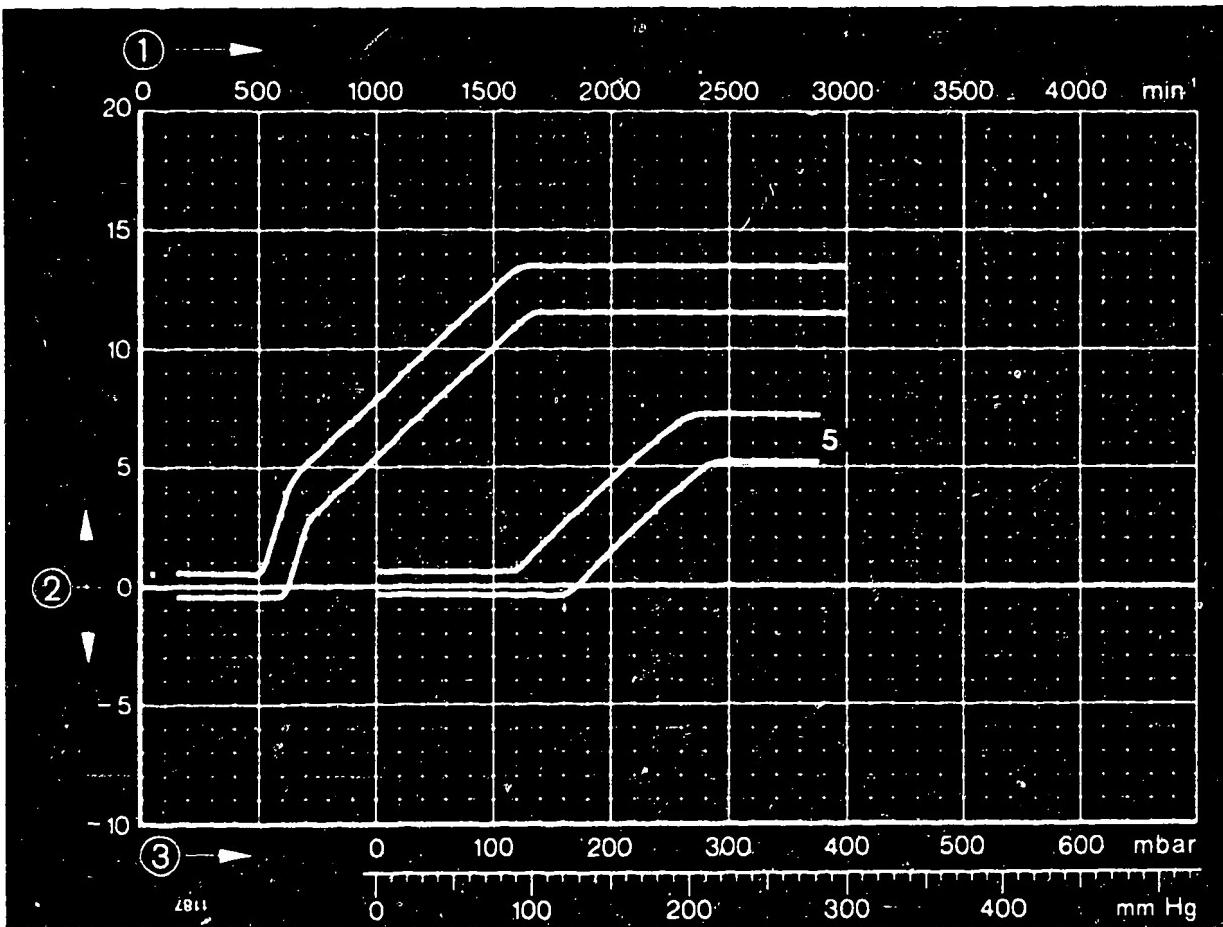
Min. contact gap:	0.30 mm
Dwell angle:	38 $\pm$ 3°
Contact pressure:	5.0...6.3 N
Margin for tolerance:	$\pm$ 0.5° dist. shaft
FD:	631 →
Test instructions:	W-231/300
Clamping flange:	1 685 700 133
Driver:	1 686 400 003

H18

Test specifications

Ignition distributors 0 231 ..





0 231 305 079

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment in ° distributor shaft
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

Min. contact gap:	0.30 mm
Dwell angle:	$38 \pm 3^\circ$
Contact pressure:	5.0...6.3 N
Margin for tolerance:	$\pm 0.5^\circ$ dist. shaft

Test instructions: W-231/300

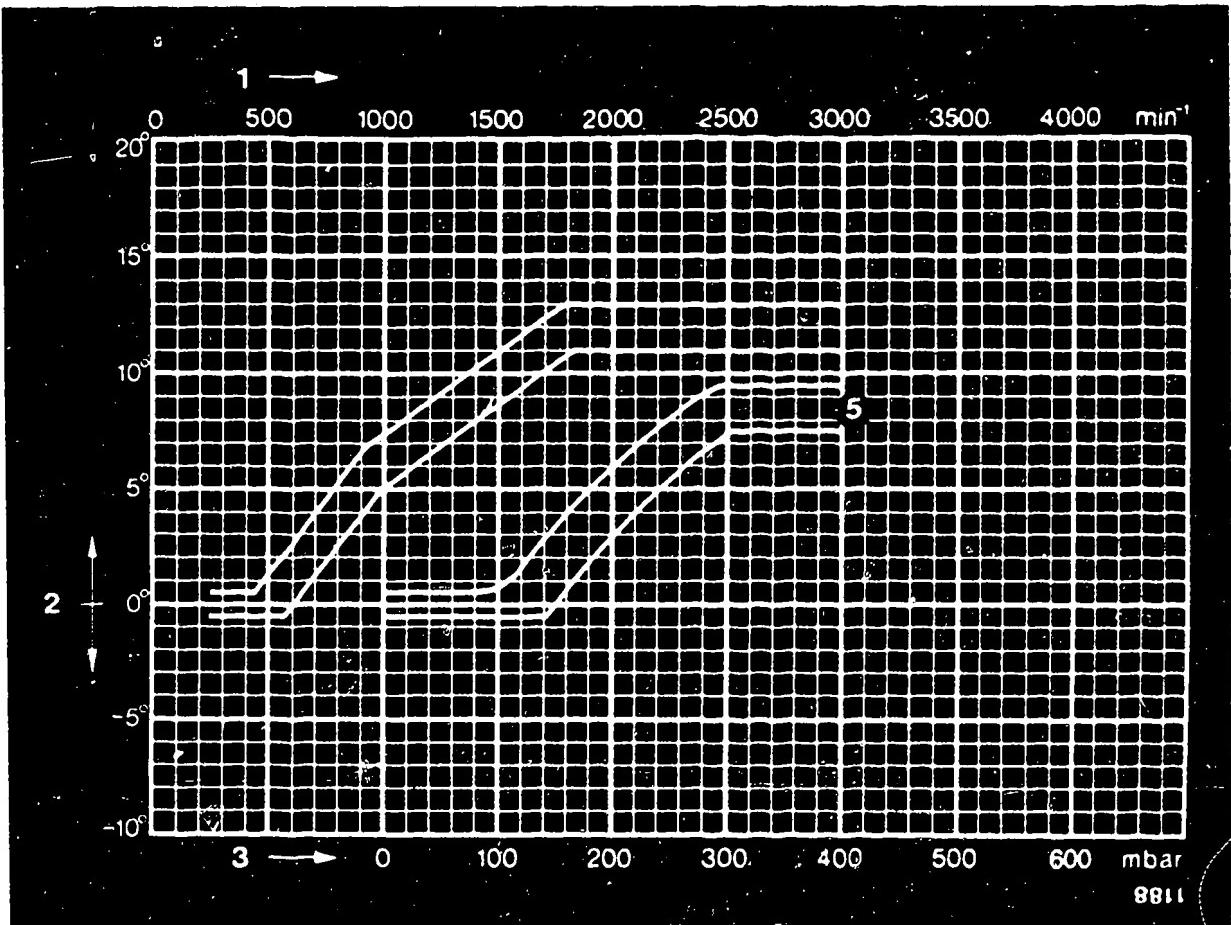
Clamping flange:	1 685 700 133
Driver:	1 686 400 003

**H 19**

Test specifications

Ignition distributors 0 231 ..





0 231 305 081/082

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

Min. contact gap: 0.30 mm  
 Dwell angle:  $38 \pm 3^\circ$   
 Contact pressure: 5.0...6.3 N  
 Margin for tolerance:  $\pm 0.5^\circ$  dist. shaft

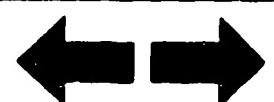
Test instructions: W-231/300

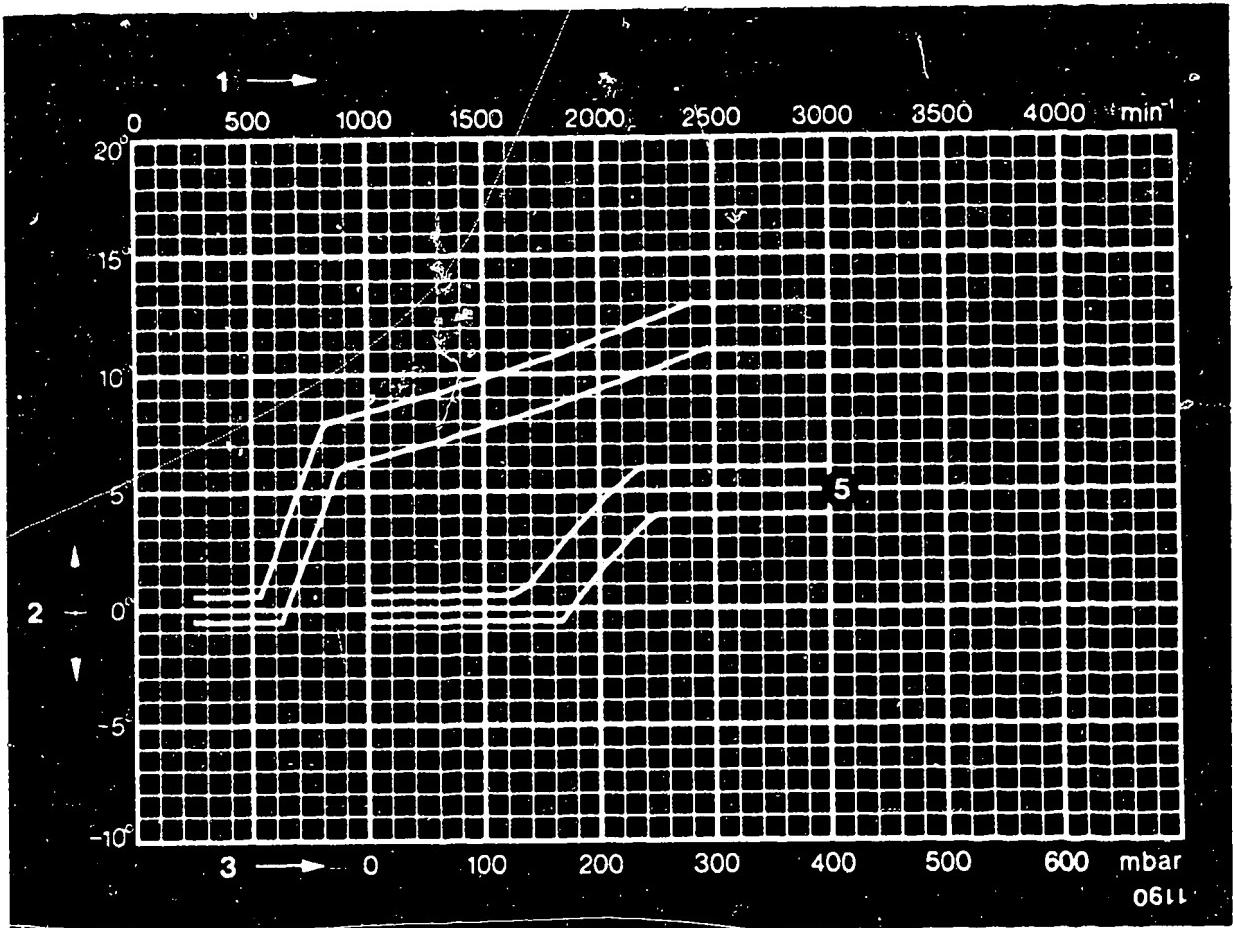
Clamping flange: 1 685 700 133  
 Driver: 1 686 400 003

H20

Test specifications

Ignition distributors 0 231 ..





0 231 305 083/084

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

Min. contact gap:	0.30 mm
Dwell angle:	$38 \pm 3^\circ$
Contact pressure:	5.0...6.3 N
Margin for tolerance:	$\pm 0.5^\circ$ dist. shaft

Test instructions: W-231/300

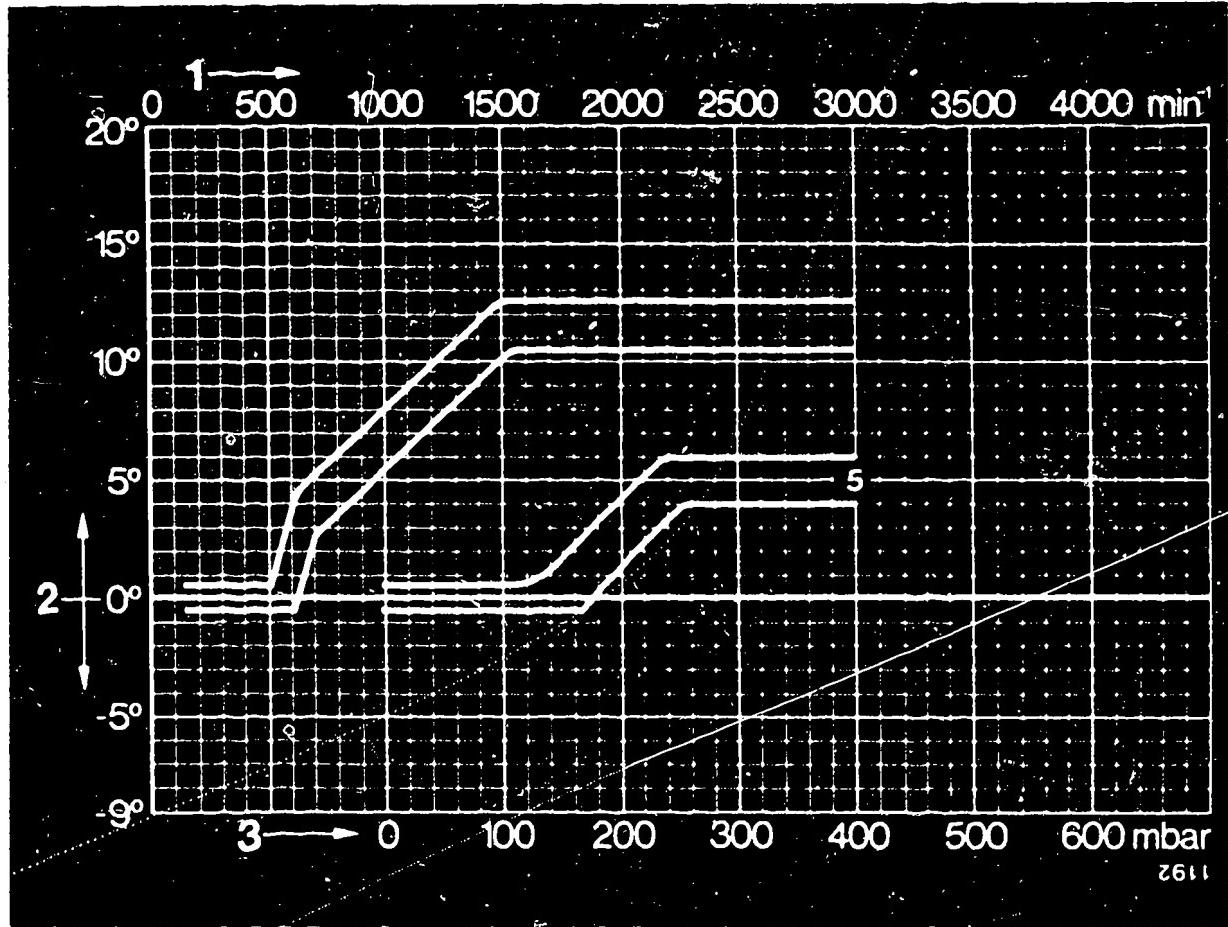
Clamping flange:	1 685 700 133
Driver:	1 686 400 003

**H21**

Test specifications

Ignition distributors 0 231 ..





0 231 305 085

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

Min. contact gap:	0.30 mm
Dwell angle:	$38 \pm 3^\circ$
Contact pressure:	5.0...6.3 N
Margin for tolerance:	$\pm 0.5^\circ$ dist. shaft

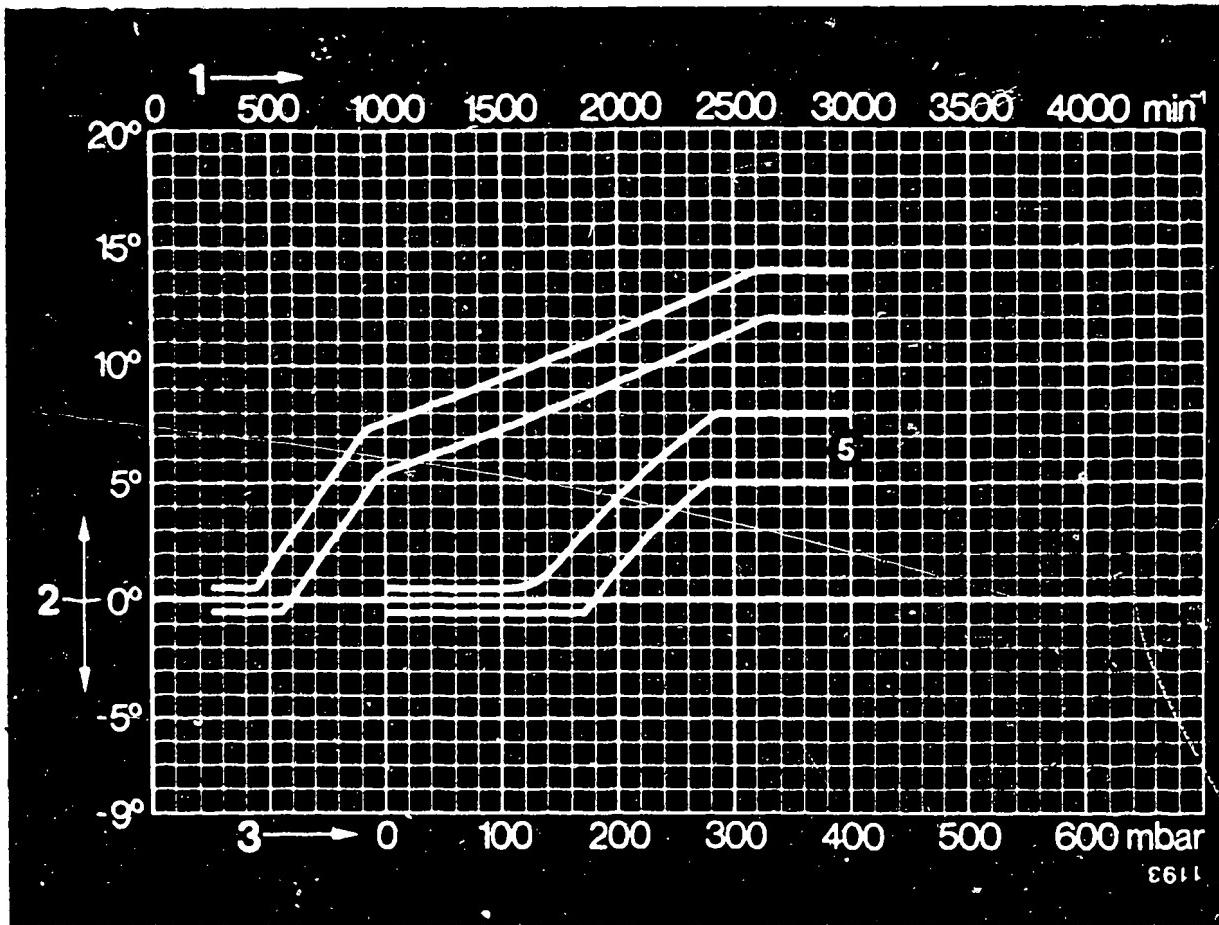
Test instructions: W-231/300

**H22**

Test specifications

Ignition distributors 0 231 ..





0 231 305 087

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

Min. contact gap:	0.30 mm
Dwell angle:	$30 \pm 3^\circ$
Contact pressure:	5.0...6.3 N
Margin for tolerance:	$\pm 0.5^\circ$ dist. shaft

Test instructions: W-231/300

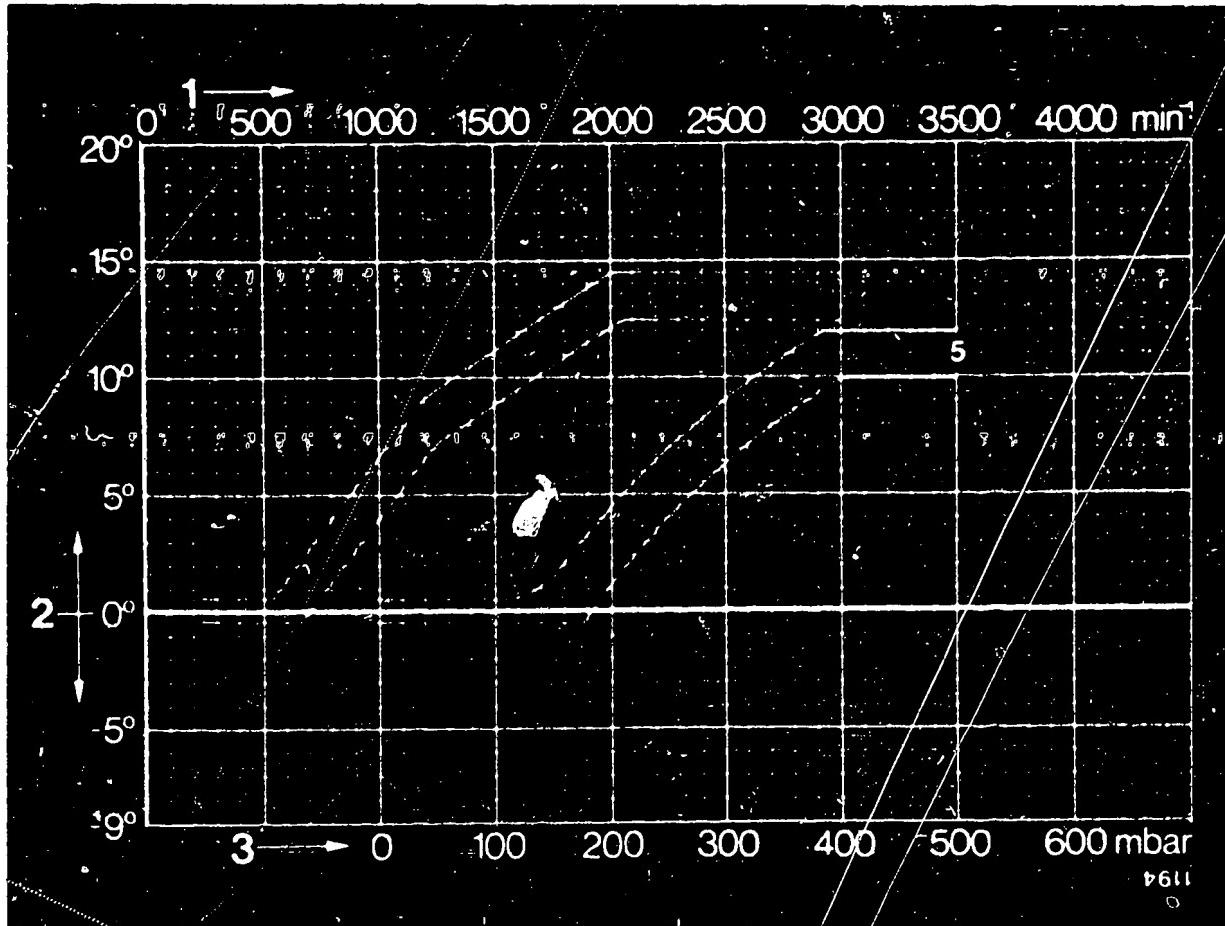
Clamping flange:	1 685 700 133
Driver:	1 686 400 003

**H23**

Test specifications

Ignition distributors 0 231 ..





0 231 305 088/089

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

Min. contact gap:	0.40 mm
Dwell angle:	38 $\pm$ 3°
Contact pressure:	5.0...6.3 N
Margin for tolerance:	$\pm$ 0.5° dist. shaft

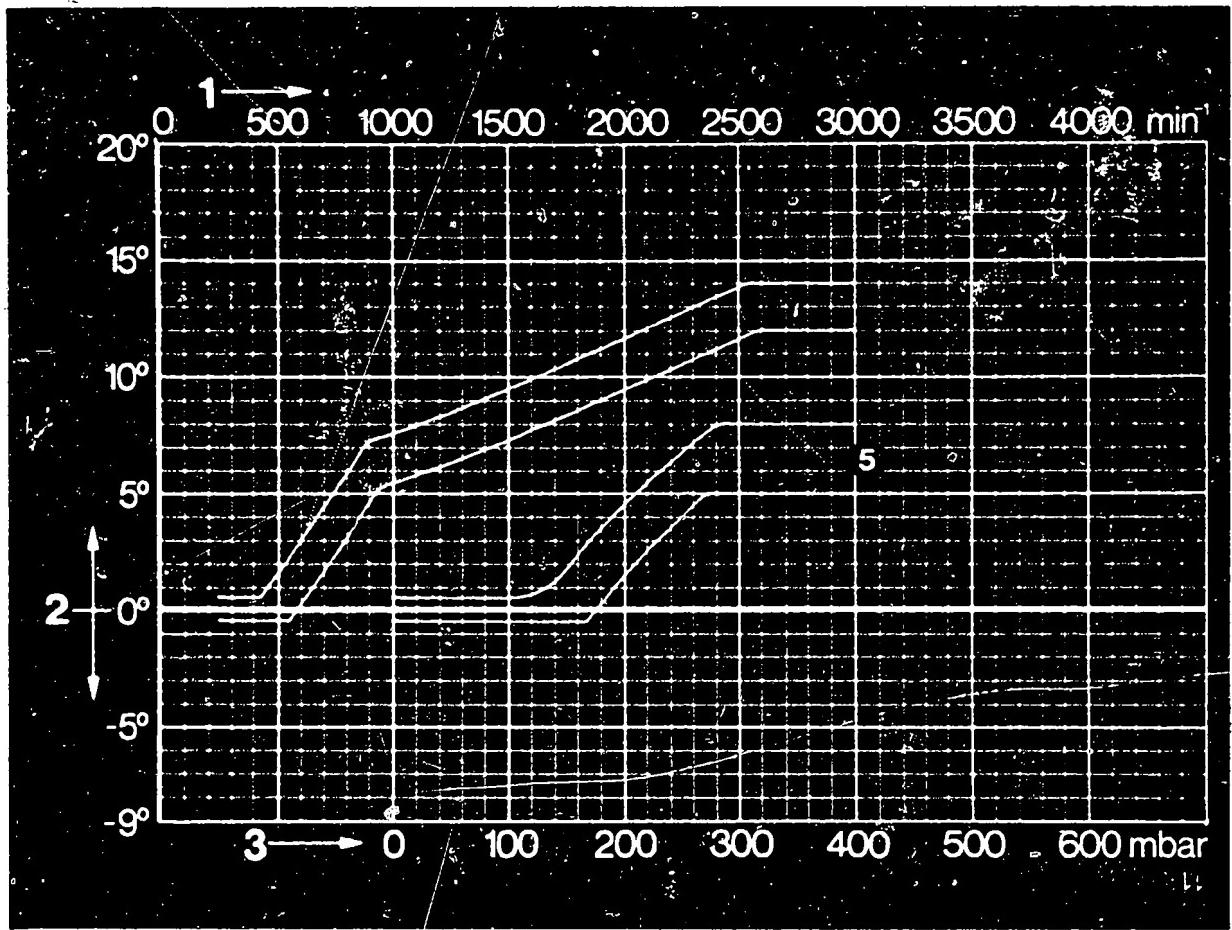
Test instructions: W-231/300

**H24**

Test specifications

Ignition distributors 0 231 ..





0 231 305 092

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

Min. contact gap: 0.30 mm

Dwell angle: 38  $\pm$  3°

Contact pressure: 5.0...6.3 N

Margin for tolerance:  $\pm$  0.5° dist. shaft

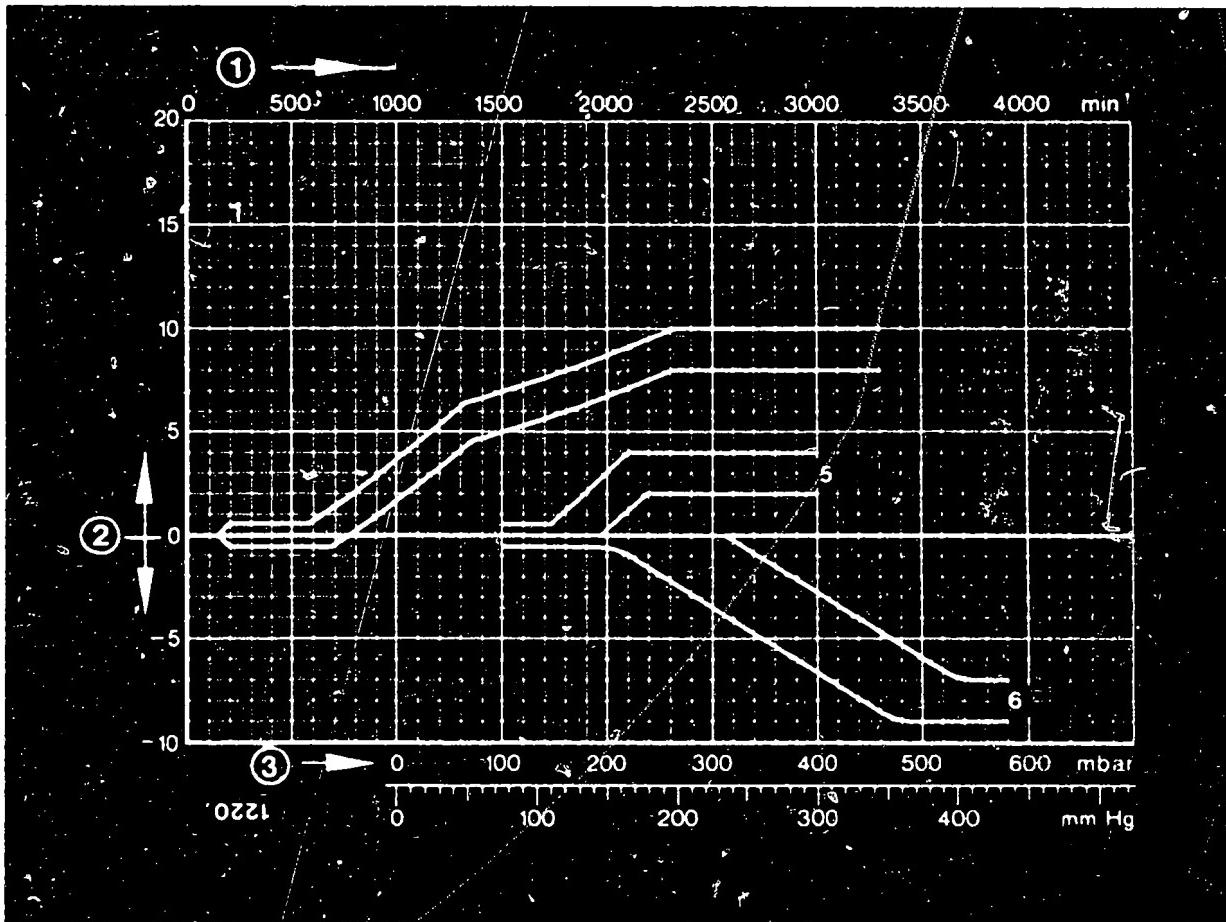
Test instructions: W-231/300

**J1**

Test specifications

Ignition distributors 0 231 ..





0 231 308 014/015

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance
- 6 = Negative gauge pressure (vacuum) retard

Min. contact gap:	0.35 mm
Dwell angle:	$38 \pm 3^\circ$
Contact pressure:	5.0...6.3 N
Margin for tolerance:	$\pm 0.5^\circ$ dist. shaft

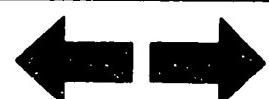
Test instructions: W-231/300

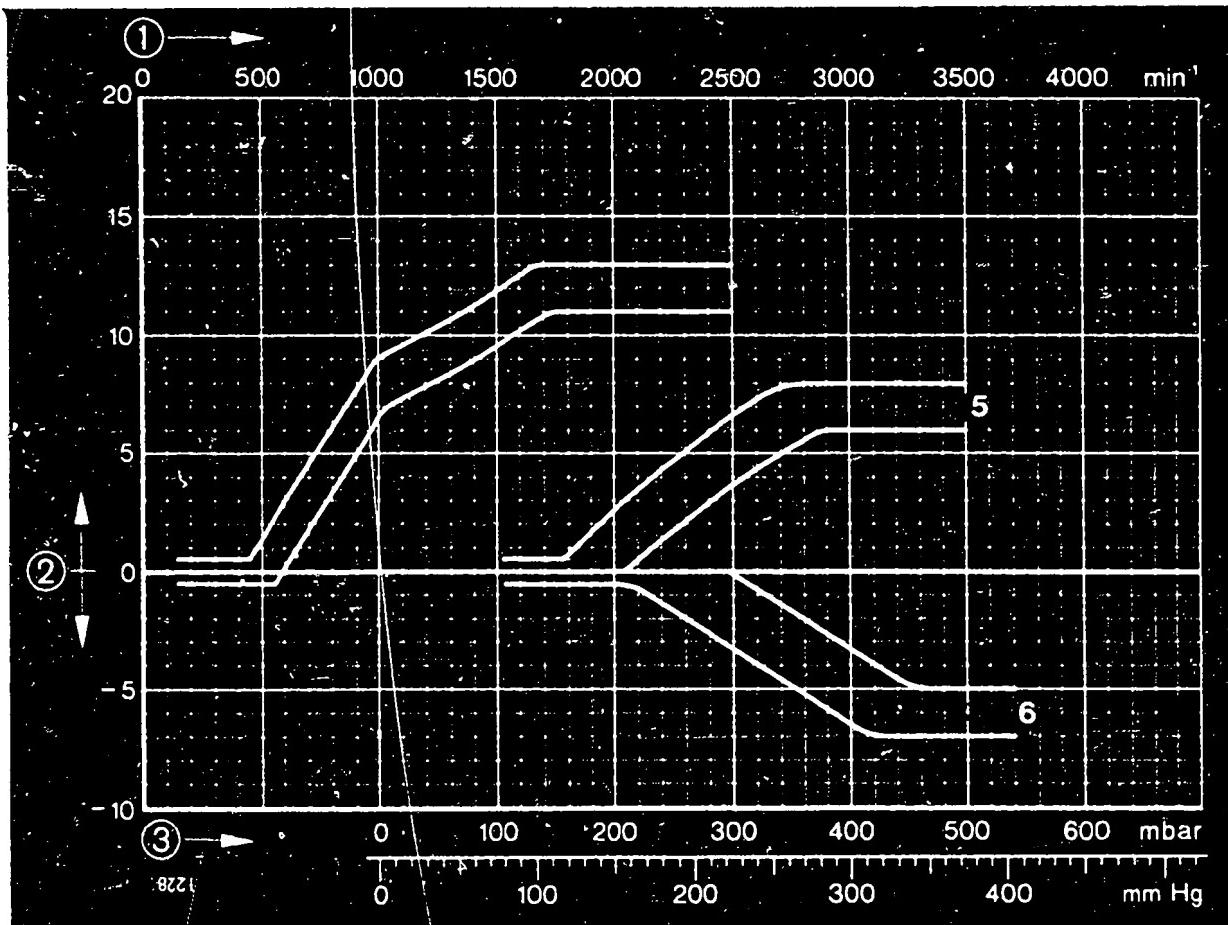
Clamping flange:	1 685 700 133
Driver:	1 686 400 003

J2

Test specifications

Ignition distributors 0 231 ..





0 231 309 006

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment in ° distributor shaft
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance
- 6 = Negative gauge pressure (vacuum) retard

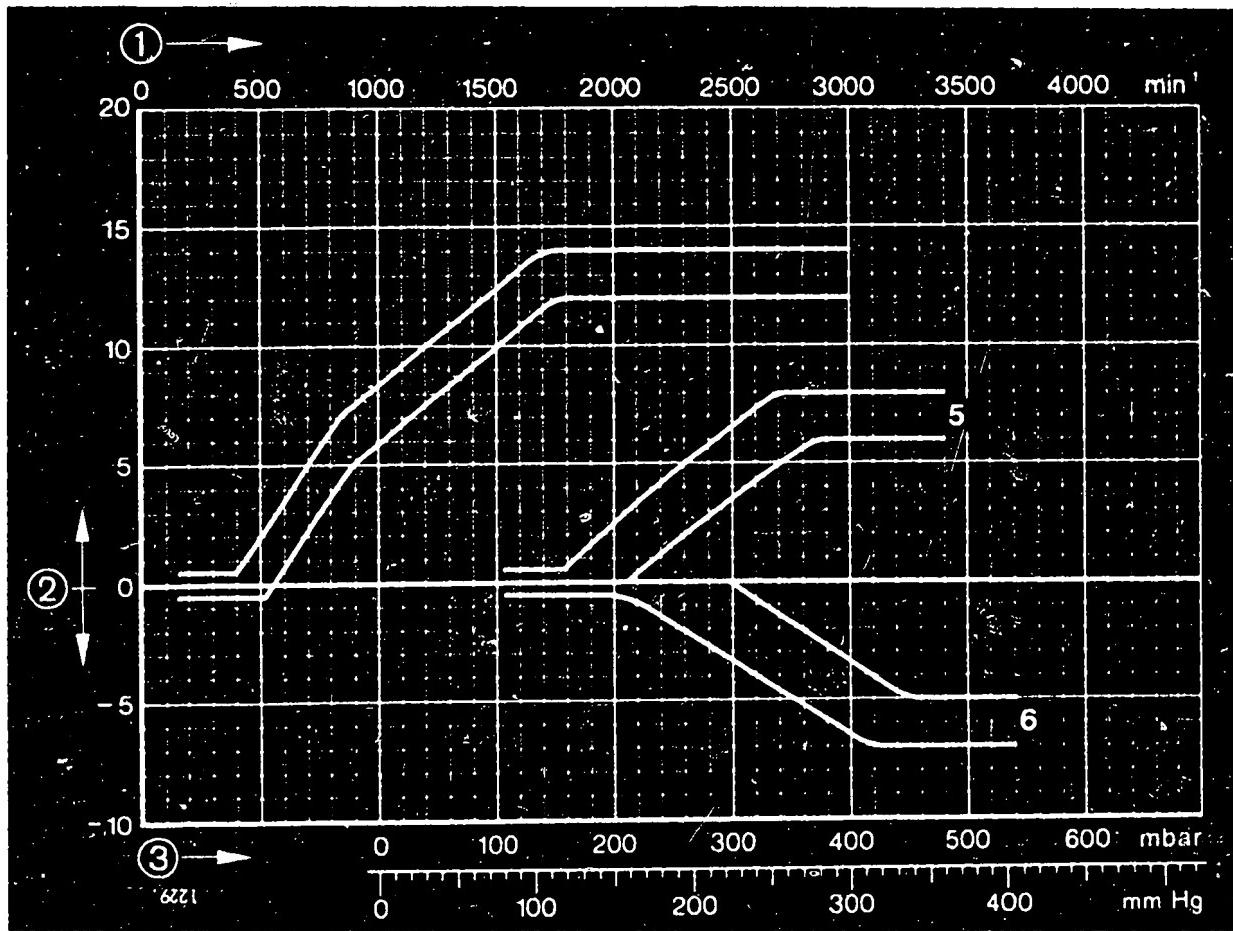
Min. contact gap:	0.30 mm
Dwell angle:	$38 \pm 3^\circ$
Contact pressure:	5.0...6.3 N
Margin for tolerance:	$\pm 0.5^\circ$ dist. shaft
Cut-out speed of limiter:	3200 to 3400 $\text{min}^{-1}$
Test instructions:	W-231/300

J3

Test specifications

Ignition distributors 0 231 ..





0 231 309 006

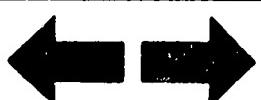
- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment in ° distributor shaft
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance
- 6 = Negative gauge pressure (vacuum) retard

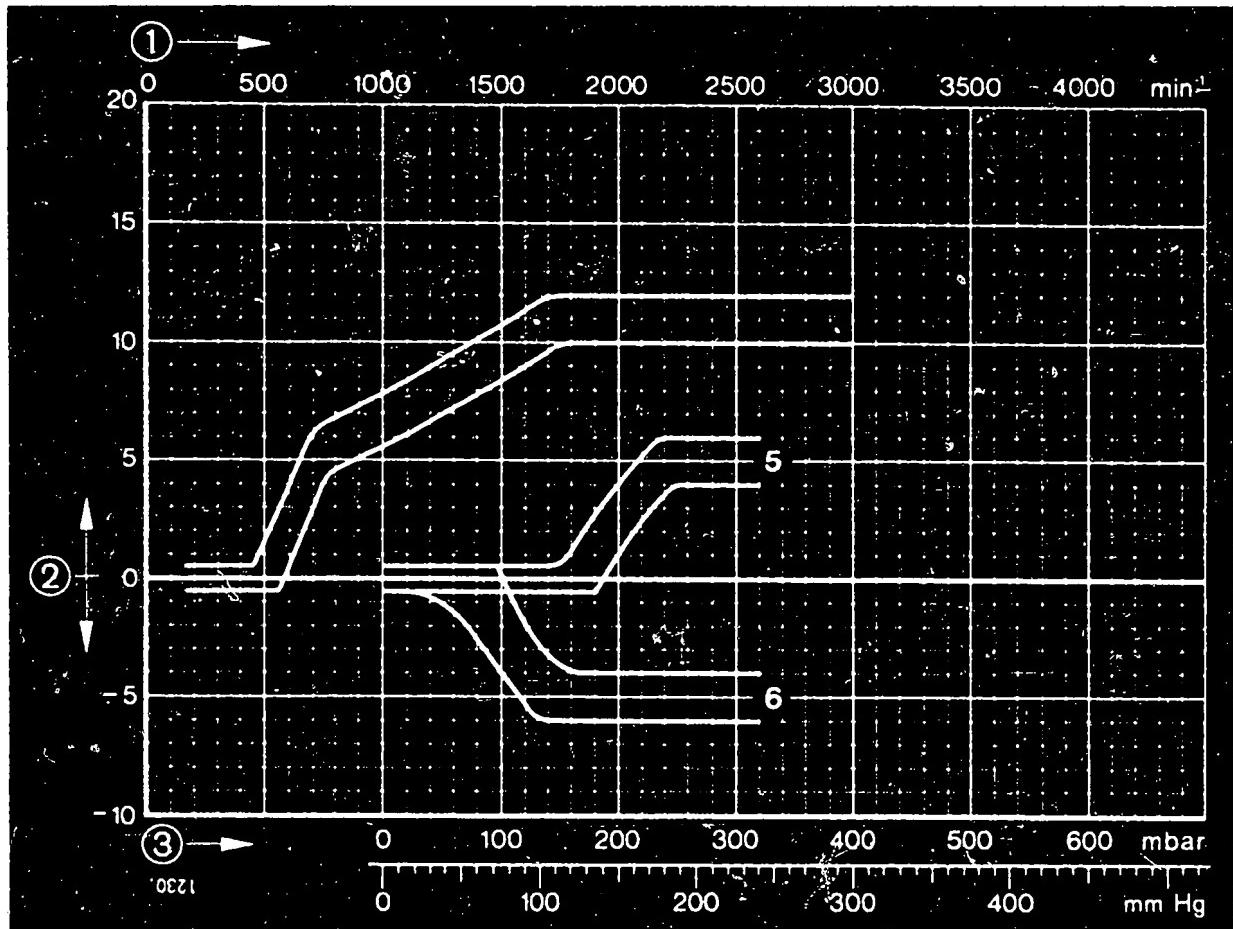
Min. contact gap:	0.30 mm
Dwell angle:	38 $\pm$ 3°
Contact pressure:	5.0...6.3 N
Margin for tolerance:	$\pm$ 0.5° dist. shaft
Cut-out speed of limiter:	3200 to 3400 min⁻¹
FD:	629 →
Test instructions:	W-231/300

J4

Test specifications

Ignition distributors 0 231 ..





0 231 309 007

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment in ° distributor shaft
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance
- 6 = Negative gauge pressure (vacuum) retard

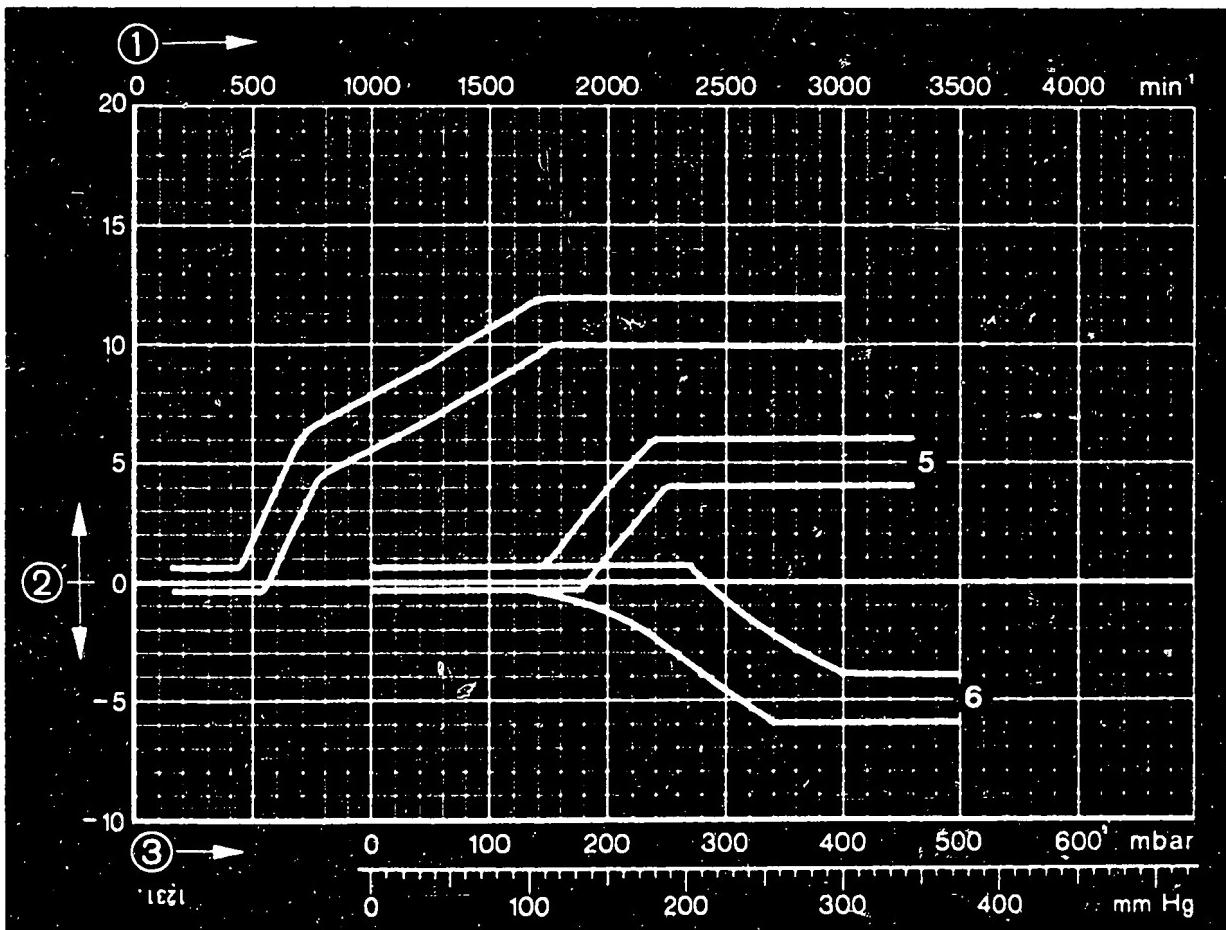
Min. contact gap:	0.35 mm
Dwell angle:	$38 \pm 3^\circ$
Contact pressure:	3.8...5.0 N
Margin for tolerance:	$\pm 0.5^\circ$ dist. shaft
Cut-out speed of limiter:	3200 to 3400 $\text{min}^{-1}$
Test instructions:	W-231/300
Clamping flange:	1 685 720 214
Driver:	1 686 400 003

J5

Test specifications

Ignition distributors 0 231 ..





0 231 309 007

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment in ° distributor shaft
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance
- 6 = Negative gauge pressure (vacuum) retard

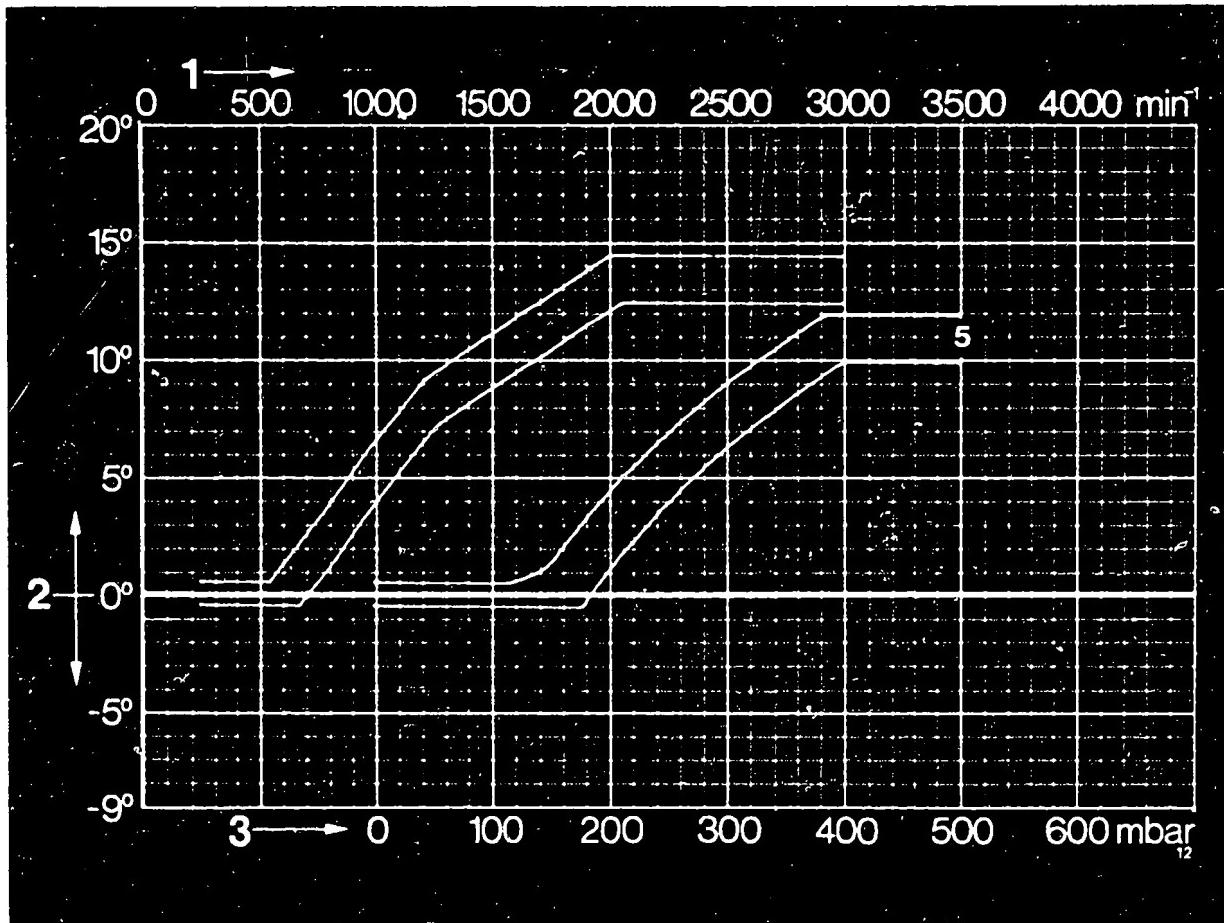
Min. contact gap:	0.35 mm
Dwell angle:	38 <u>  </u> 3°
Contact pressure:	3.8...5.0 N
Margin for tolerance:	<u>  </u> 0.5° dist. shaft
Cut-out speed of limiter:	3200 to 3400 min⁻¹
FD:	728 →
Test instructions:	W-231/300
Clamping flange:	1 685 720 214
Driver:	1 686 400 003

J6

Test specifications

Ignition distributors 0 231 ..





0 231 310 005/006

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

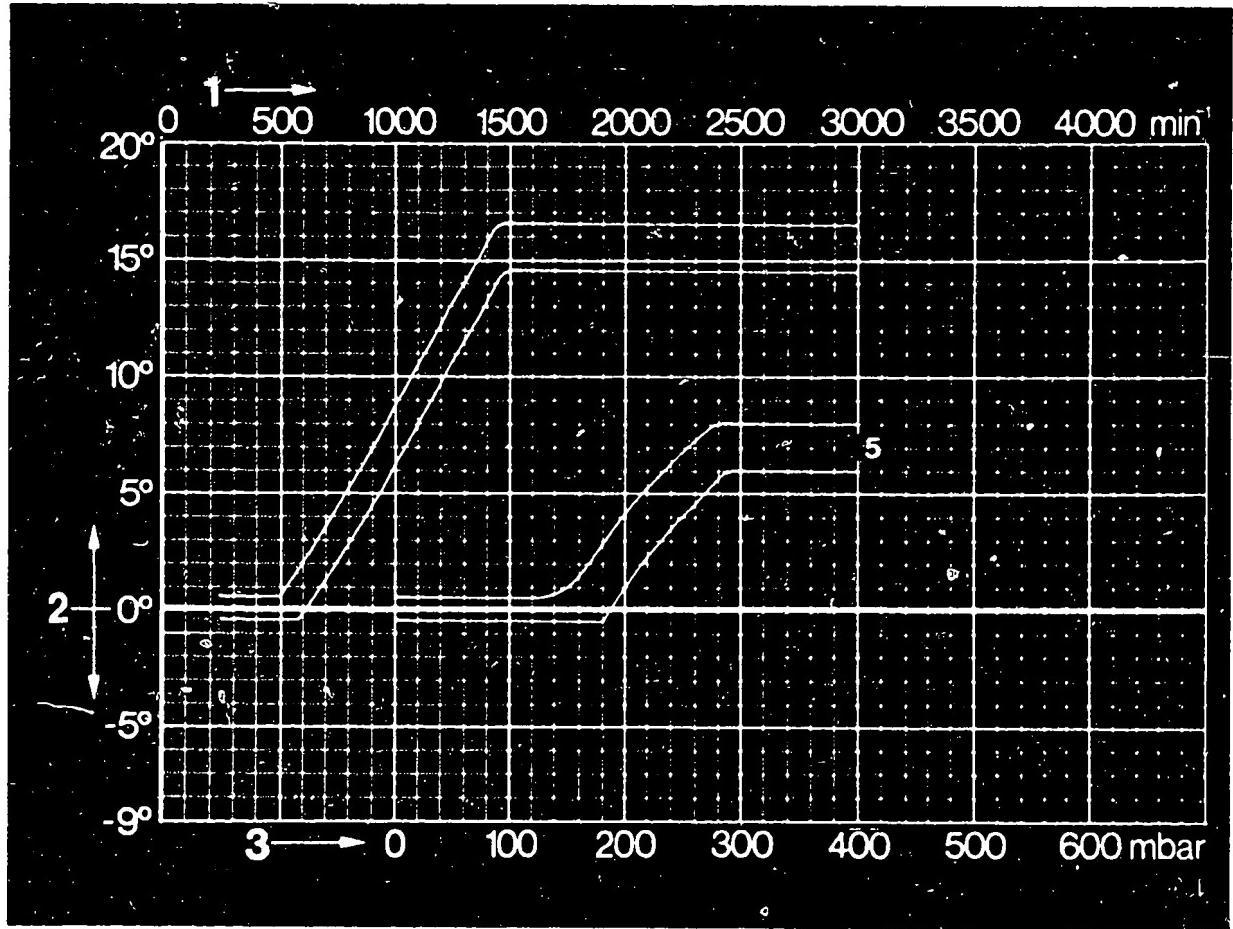
Min. contact gap:	0.40 mm
Dwell angle:	$38 \pm 3^\circ$
Contact pressure:	5.0...6.3 N
Margin for tolerance:	$\pm 0.5^\circ$ dist. shaft
Test instructions:	W-231/300

J7

Test specifications

Ignition distributors 0 231 ..





0 231 310 007/008

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

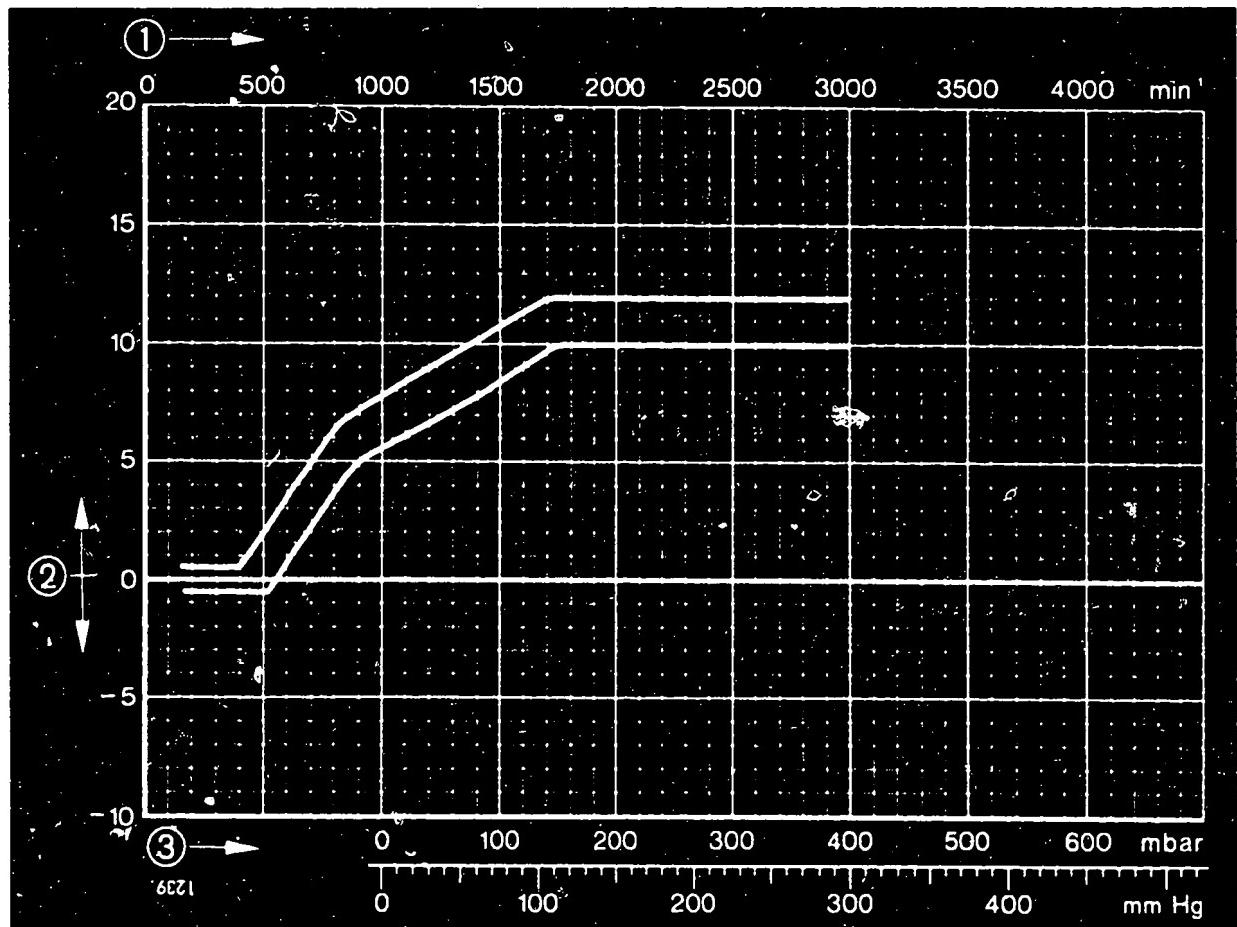
Min. contact gap:	0.40 mm
Dwell angle:	38 $\pm$ 3°
Contact pressure:	5.0...6.3 N
Margin for tolerance:	$\pm$ 0.5° dist. shaft
Cut-out speed of limiter:	2790 to 2990 min⁻¹
Test instructions:	W-231/300

J8

Test specifications

Ignition distributors 0 231 ..





0 231 312 001

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment in ° distributor shaft
- 3 = Negative gauge pressure (vacuum)

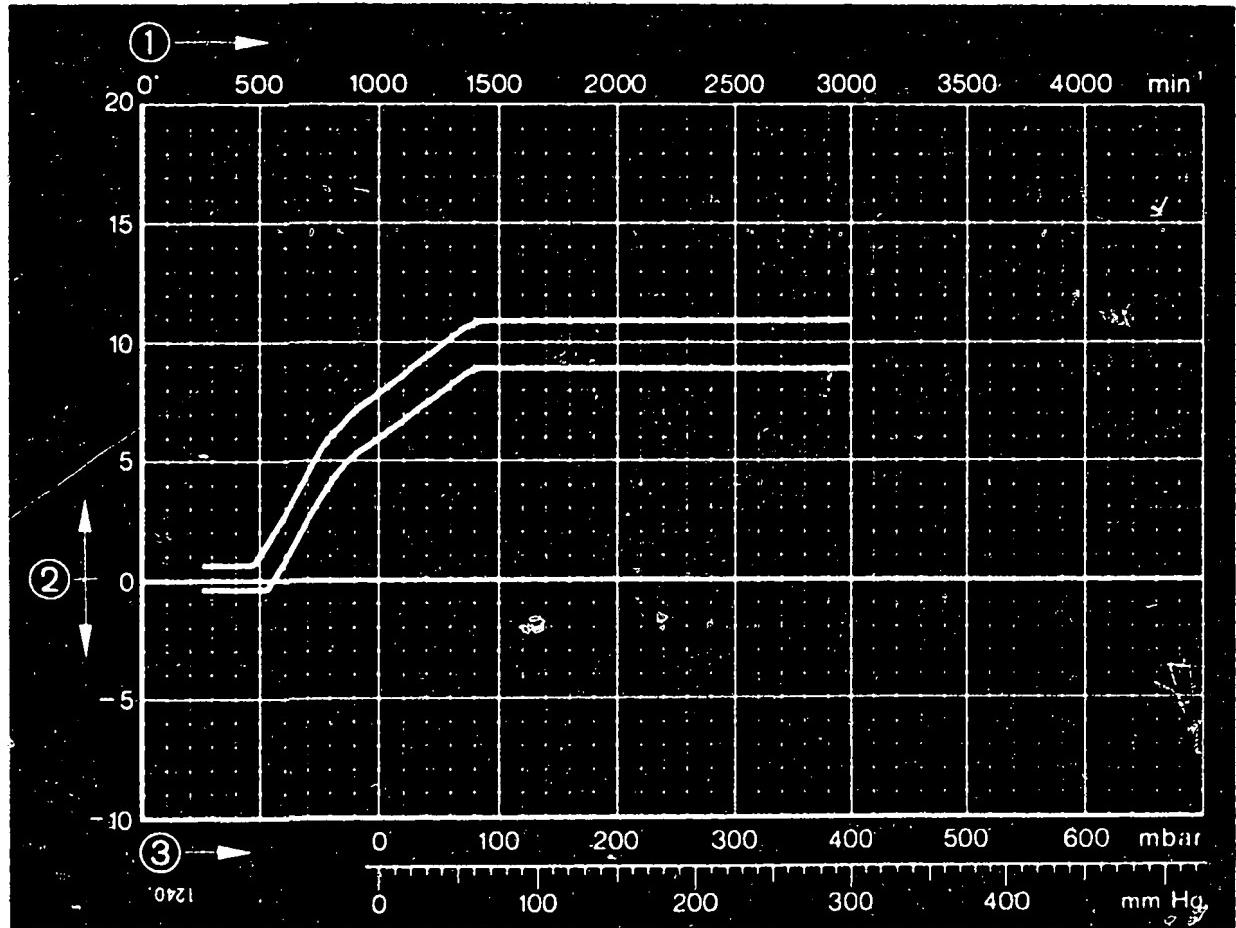
Min. contact gap:	0.40 mm
Dwell angle:	$38 \pm 3^\circ$
Contact pressure:	5.0...6.3 N
Margin for tolerance:	$\pm 0.5^\circ$ dist. shaft
Cut-out speed of limiter:	3200 to 3400 $\text{min}^{-1}$
Test instructions:	W-231/300

J9

Test specifications

Ignition distributors 0 231 ..





0 231 312 001

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment in ° distributor shaft
- 3 = Negative gauge pressure (vacuum)

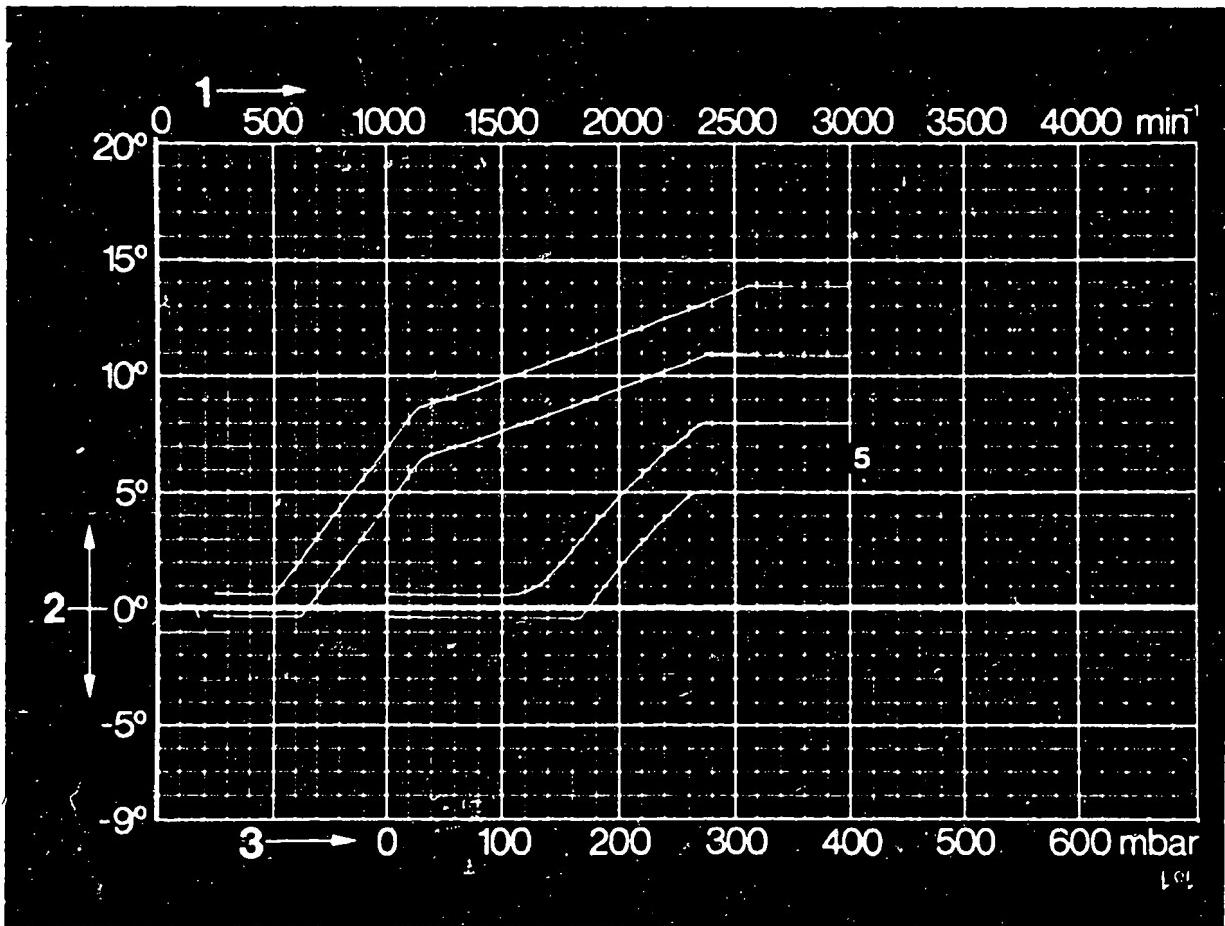
Min. contact gap:	0.40 mm
Dwell angle:	38 $\pm$ 3°
Contact pressure:	5.0...6.3 N
Margin for tolerance:	$\pm$ 0.5° dist. shaft
Cut-out speed of limiter:	3200 to 3400 min⁻¹
FD:	824 →
Test instructions:	W-231/300

J 10

Test specifications

Ignition distributors 0 231 ..





0 231 136 009

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

Min. contact gap: 0.35 mm

Dwell angle:  $38 \pm 3^\circ$

Contact pressure: 5.0...6.3 N

Margin for tolerance:  $\pm 0.5^\circ$  dist. shaft

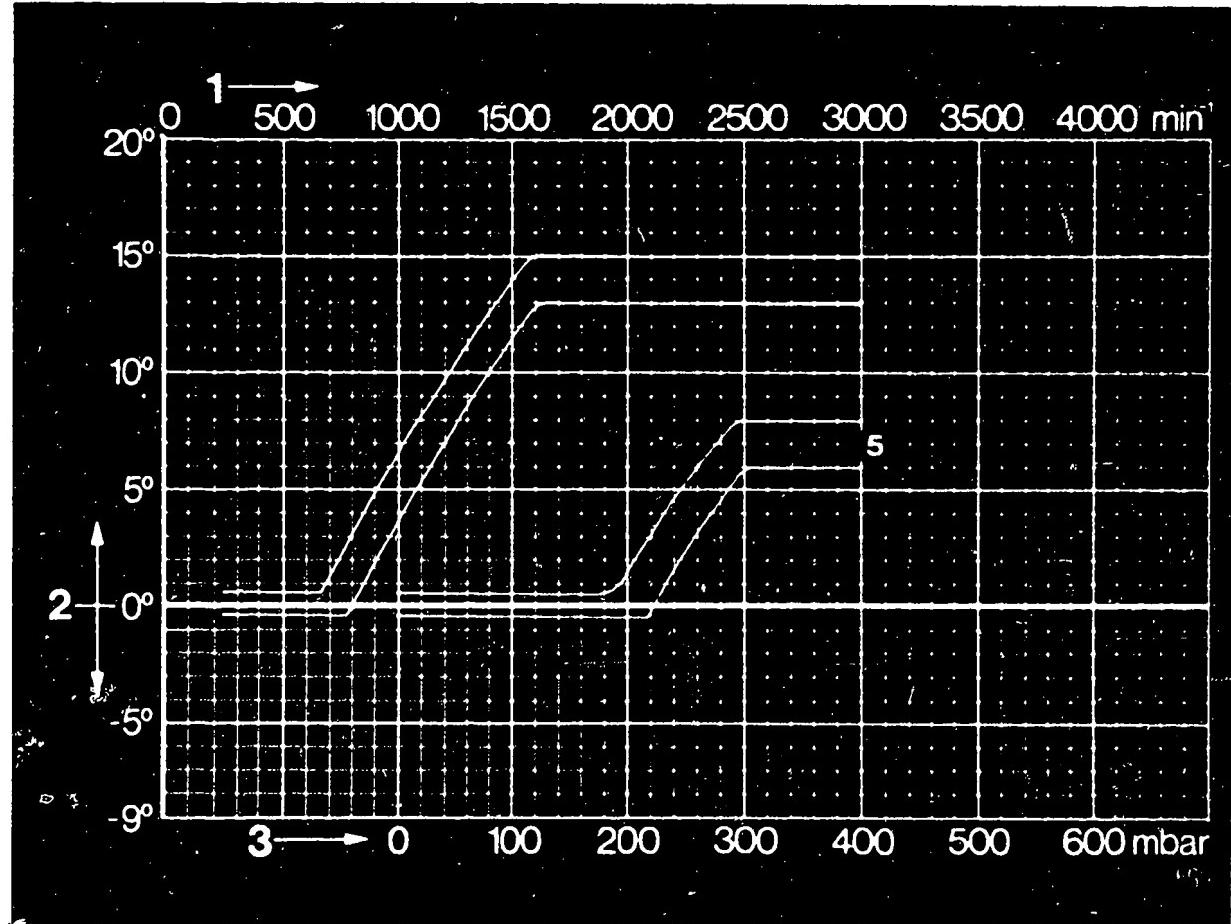
Test instructions: W-231/300

**J11**

Test specifications

Ignition distributors 0 231 ..





0 231 168 043/044

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

Min. contact gap: 0.45 mm  
 Dwell angle:  $47 \pm 3^\circ$   
 Contact pressure: 6...6,3 N  
 Margin for tolerance:  $\pm 0.5^\circ$  dist. shaft

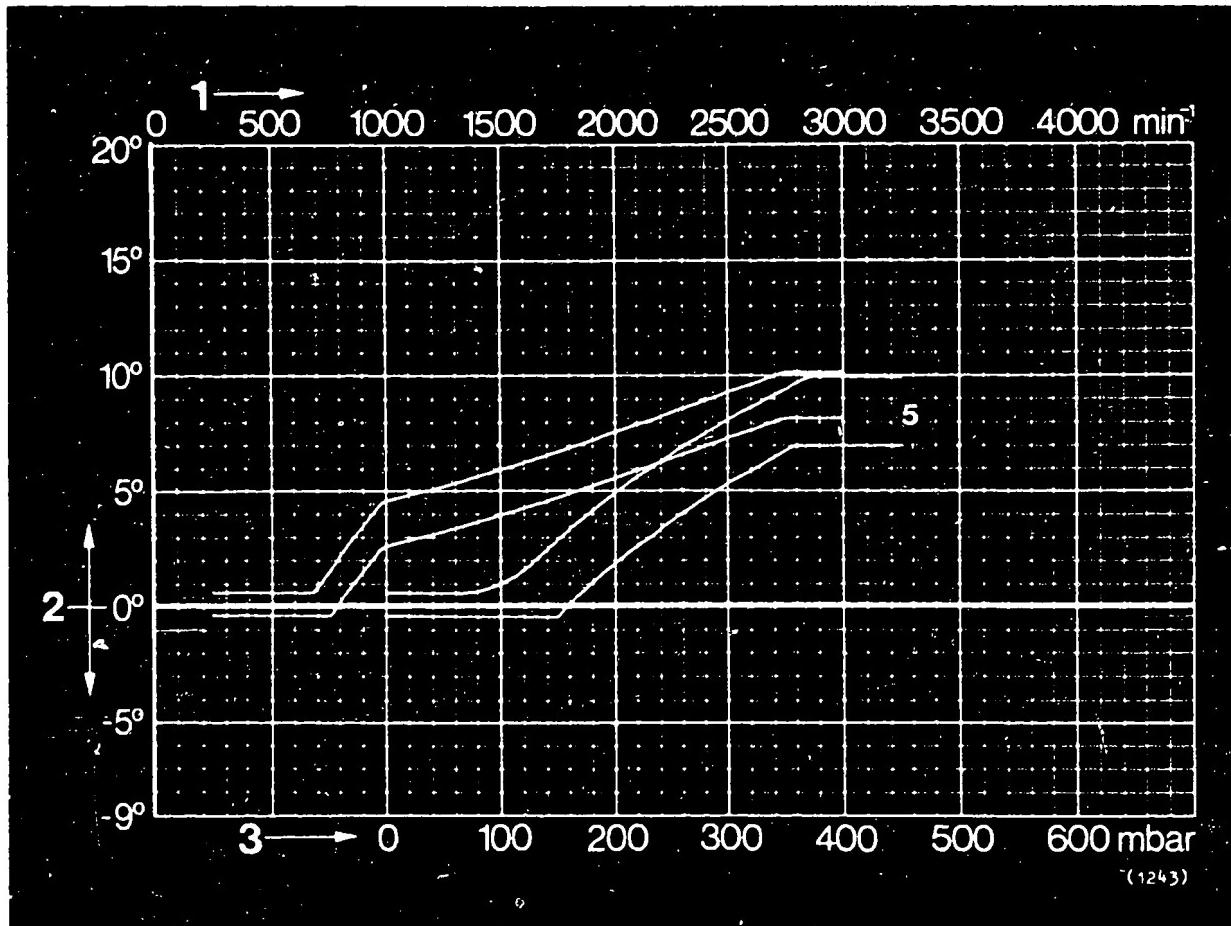
Test instructions: W-231/300

J 12

Test specifications

Ignition distributors 0 231 ..





0 231 170 282

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

Min. contact gap: 0.40 mm

Dwell angle:  $50 \pm 3^\circ$

Contact pressure: 5.0...6.3 N

Margin for tolerance:  $\pm 0.5^\circ$  dist. shaft

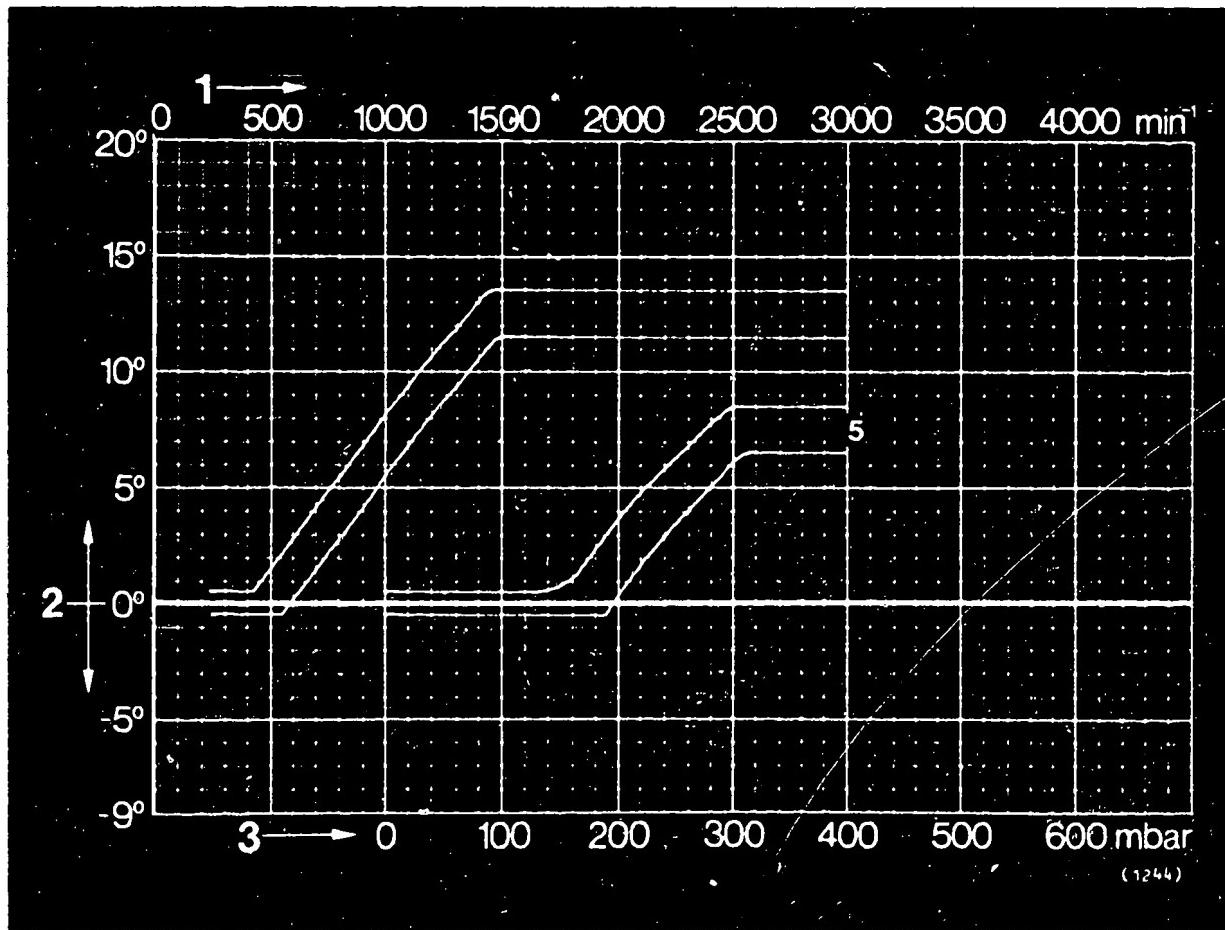
Test instructions: W-231/300

**J13**

Test specifications

Ignition distributors 0 231 ..





0 231 170 284

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

Min. contact gap: 0.35 mm

Dwell angle:  $62 \pm 3^\circ$

Contact pressure: 6.5...8.0 N

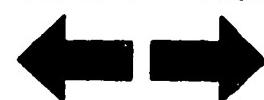
Margin for tolerance:  $\pm 0.5^\circ$  dist. shaft

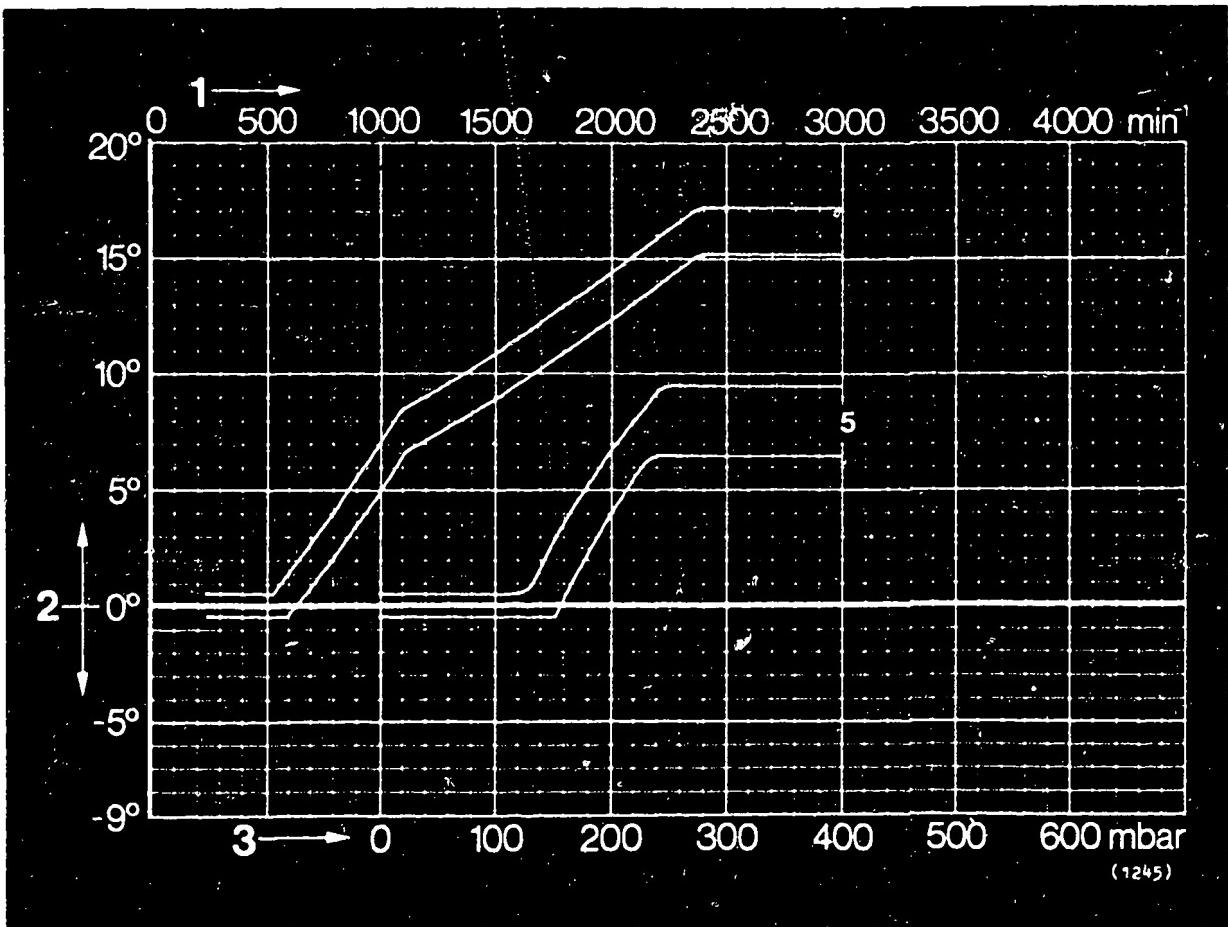
Test instructions: W-231/300

**J14**

Test specifications

Ignition distributors 0 231 ..





0 231 170 329

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

Min. contact gap: 0.4...0.5 mm

Dwell angle:  $50 \pm 3^\circ$

Contact pressure: 5.0...6.3 N

Margin for tolerance:  $\pm 0.5^\circ$  dist. shaft

Test instructions: W-231/300

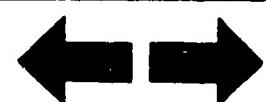
Clamping flange: 1 685 700 133

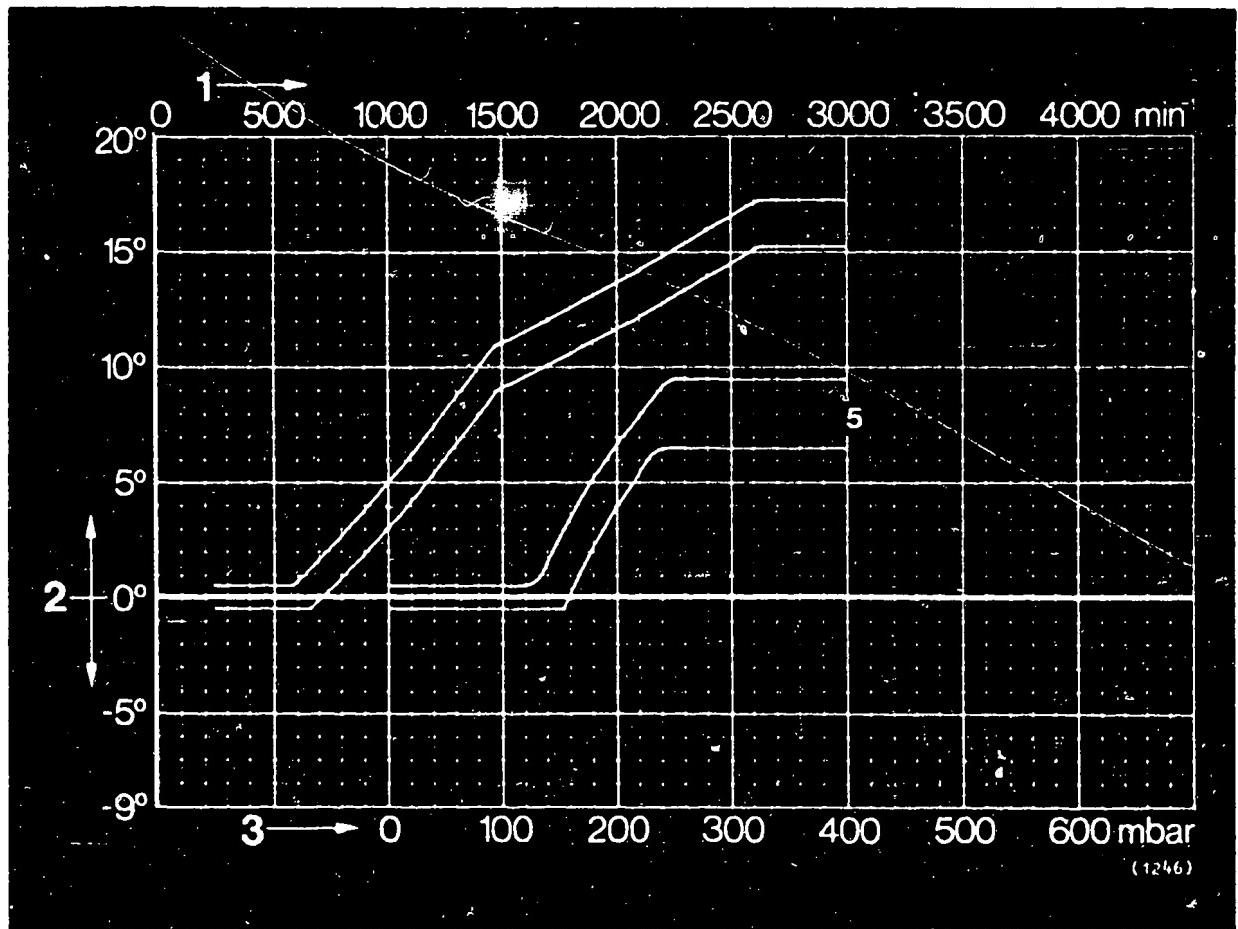
Driver: 1 686 400 003

**J15**

Test specifications

Ignition distributors 0 231 ..





0 231 170 330

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

Min. contact gap: 0.4...0.5 mm

Dwell angle: 50  $\pm$  3°

Contact pressure: 5.0...6.3 N

Margin for tolerance:  $\pm$  0.5° dist. shaft

Test instructions: W-231/300

Clamping flange: 1 685 700 133

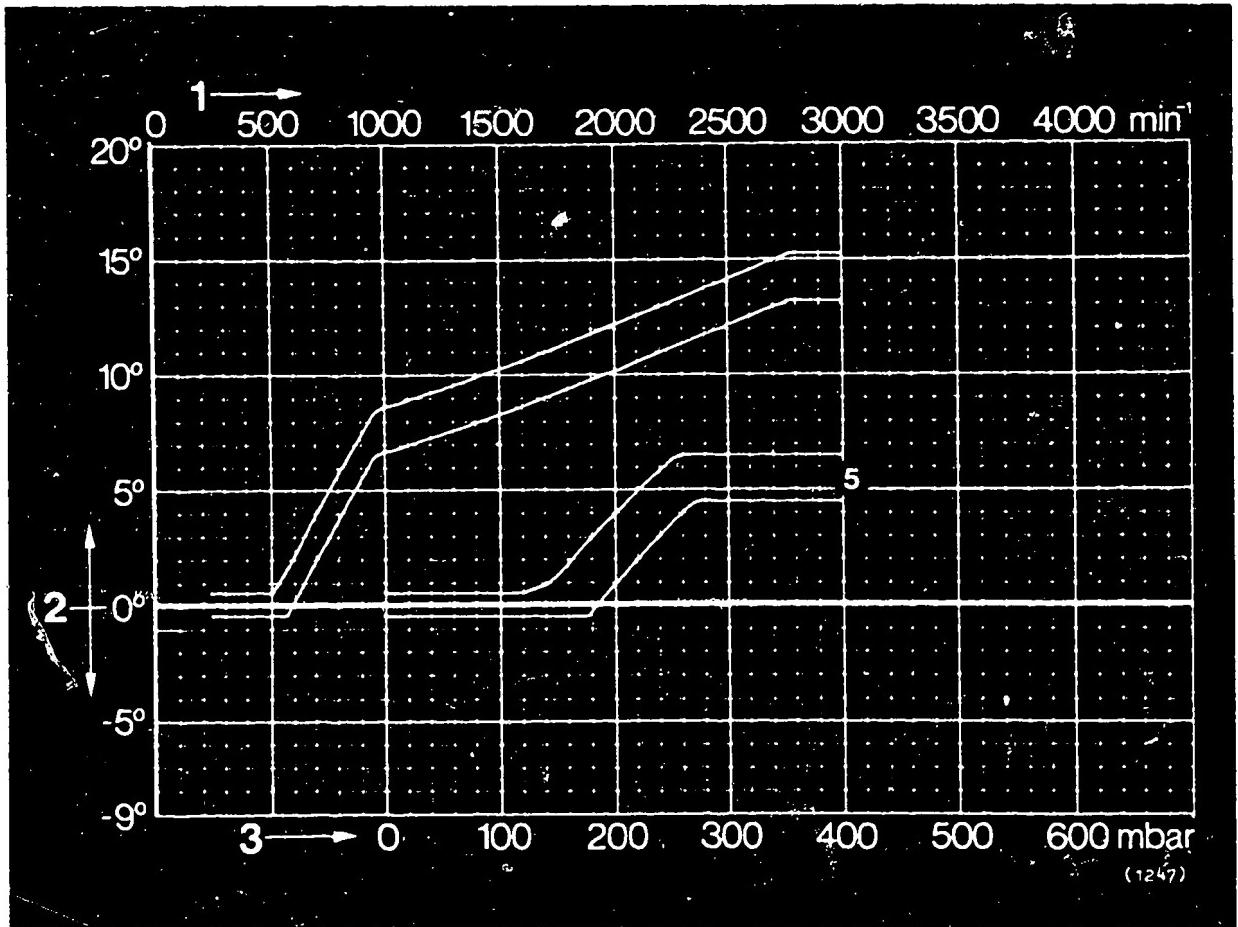
Driver: 1 686 400 003

**J16**

Test specifications

Ignition distributors 0 231 ..





0 231 170 331

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

Min. contact gap: 0.4...0.5 mm

Dwell angle:  $50 \pm 3^\circ$

Contact pressure: 5.0...6.3 N

Margin for tolerance:  $\pm 0.5^\circ$  dist. shaft

Test instructions: W-231/300

Clamping flange: 1 685 700 133

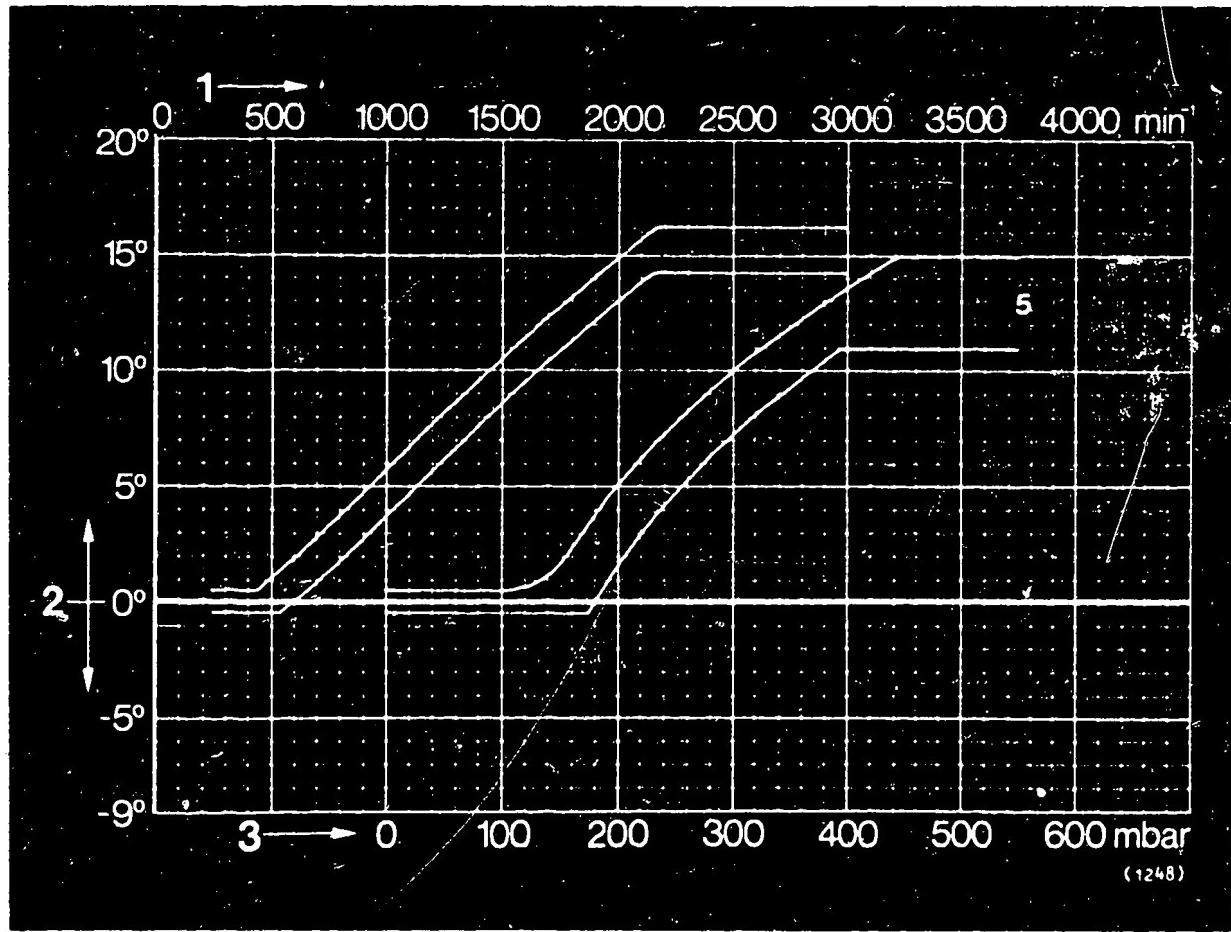
Driver: 1 686 400 003

**J17**

Test specifications

Ignition distributors 0 231 ..





0 231 170 332

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

Min. contact gap: 0.35 mm

Dwell angle: 50  $\pm$  3°

Contact pressure: 5.0...6.3 N

Margin for tolerance:  $\pm$  0.5° dist. shaft

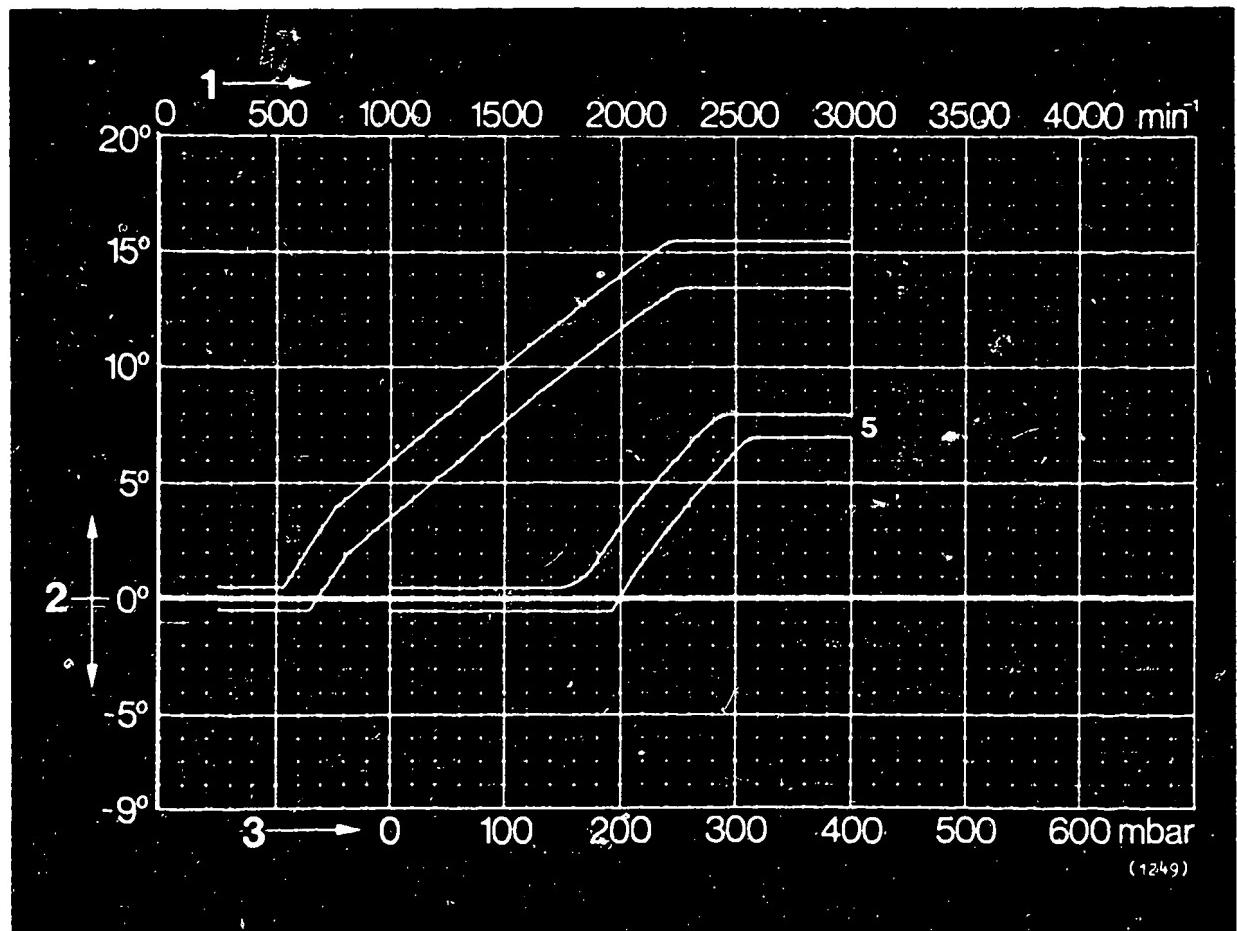
Test instructions: W-231/300

**J 18**

Test specifications

Ignition distributors 0 231 ..





0 231 170 335/336

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

Min. contact gap: 0.46 mm

Dwell angle:  $47 \pm 3^\circ$

Contact pressure: 5.0...6.3 N

Margin for tolerance:  $\pm 0.5^\circ$  dist. shaft

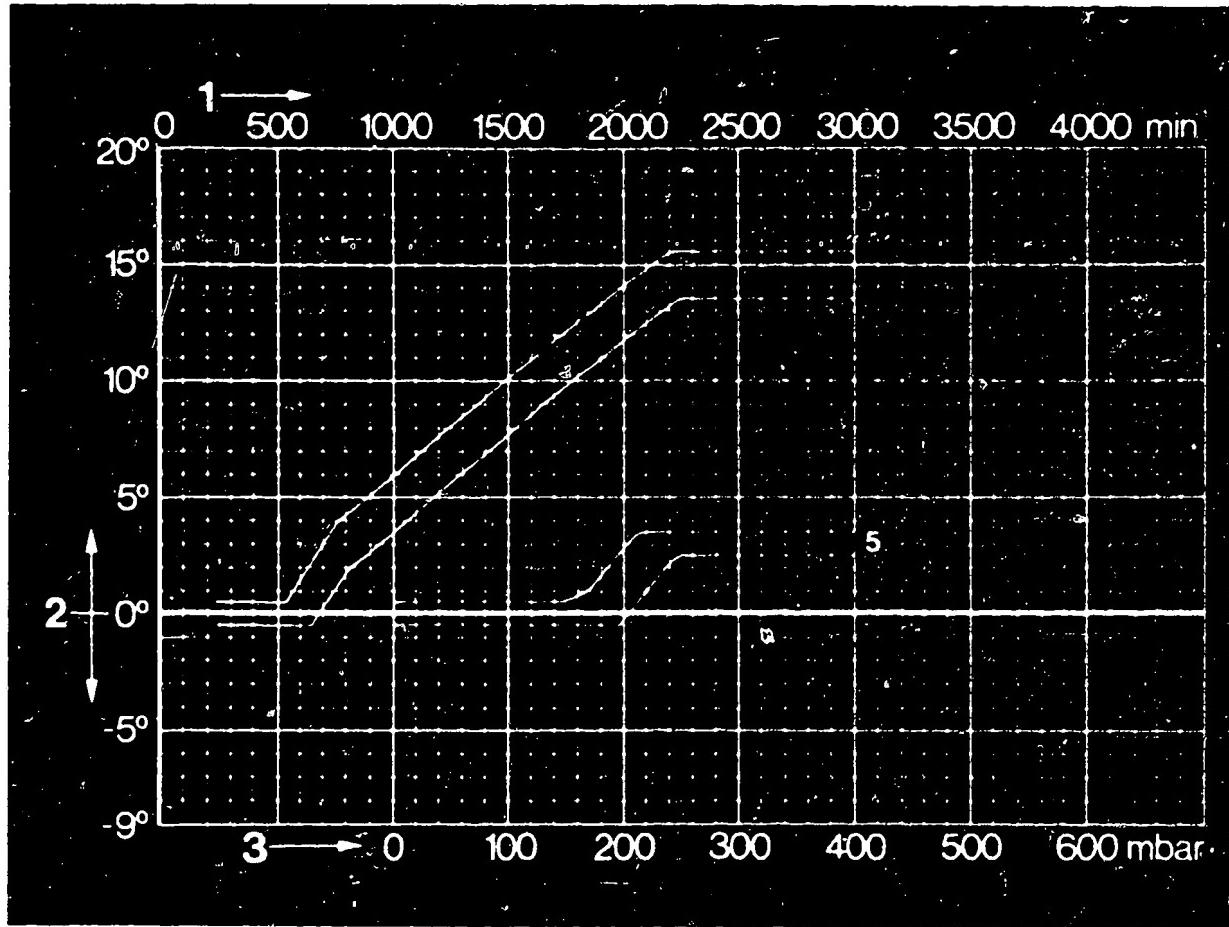
Test instructions: W-231/300

**J19**

Test specifications

Ignition distributors 0 231 ..





0 231 170 337/338

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

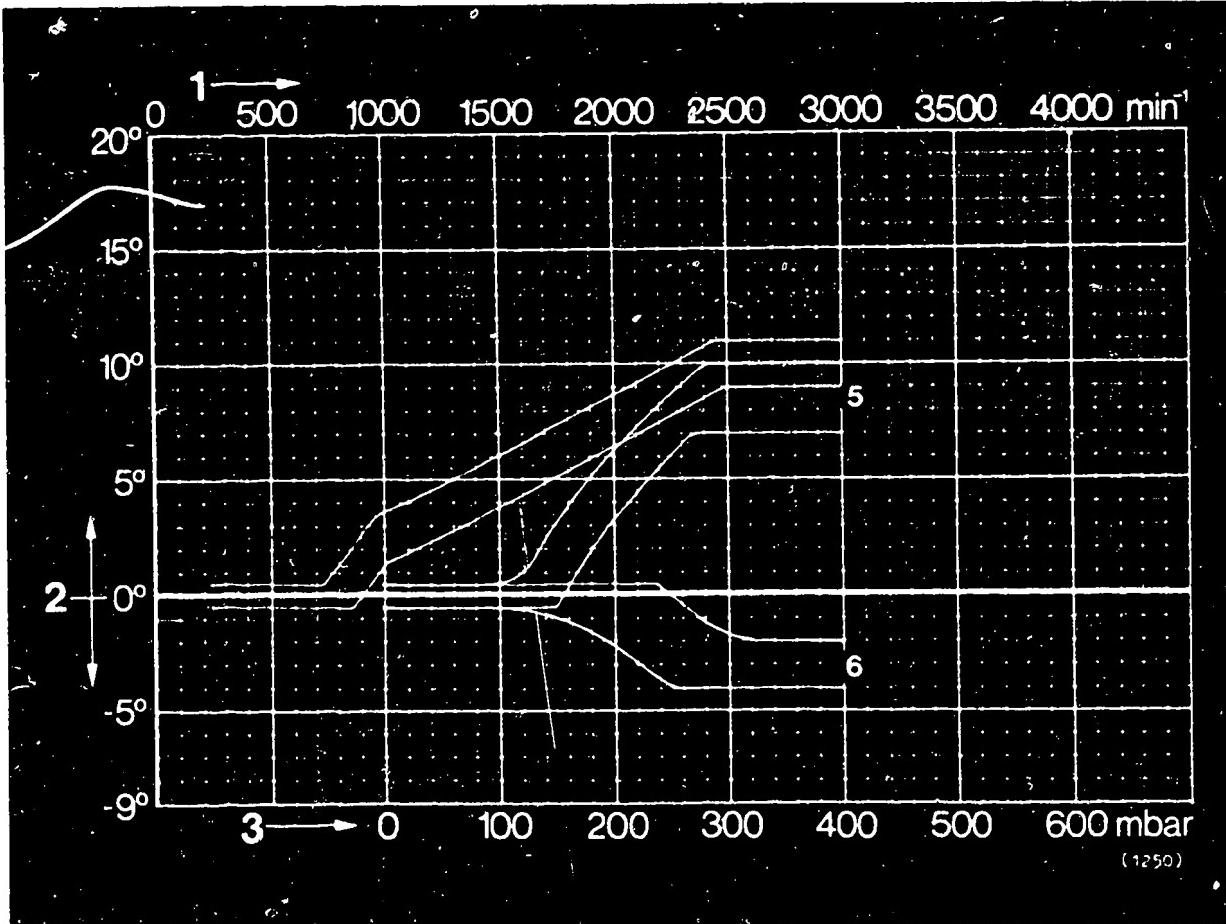
Min. contact gap: 0.46 mm

Dwell angle: 45...49°

Contact pressure: 3.8...5 N

Margin for tolerance: ± 0.5° dist. shaft

Test instructions: W-231/300



0 231 176 128

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance
- 6 = Negative gauge pressure (vacuum) retard

Min. contact gap: 0.35 mm

Dwell angle:  $50 \pm 3^\circ$

Contact pressure: 5.0...6.3 N

Margin for tolerance:  $\pm 0.5^\circ$  dist. shaft

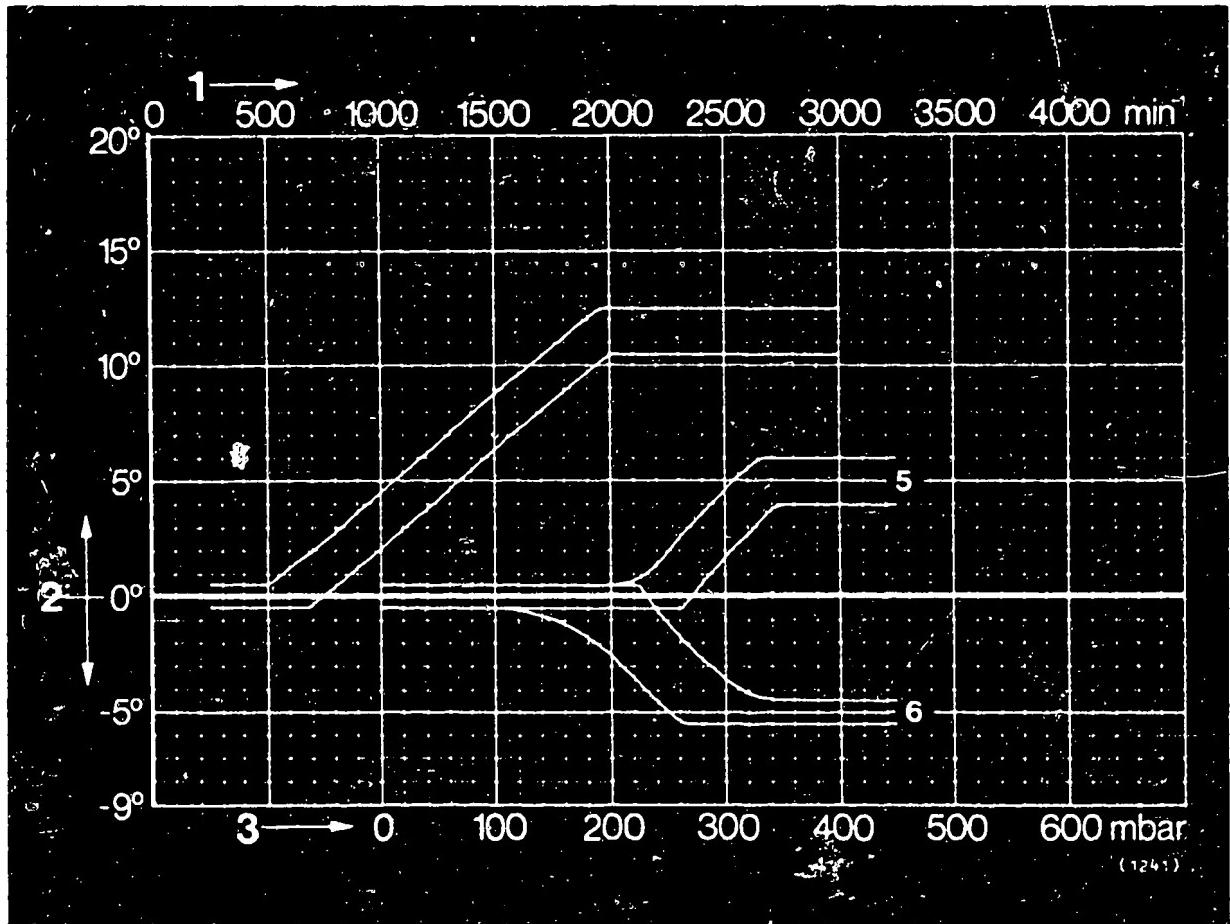
Test instructions: W-231/300

**J21**

Test specifications

Ignition distributors 0 231 ..





0 231 176 129/130

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance
- 6 = Negative gauge pressure (vacuum) retard

Min. contact gap:

0.46 mm

Dwell angle:

45...49°

Contact pressure:

3.8...5.0 N

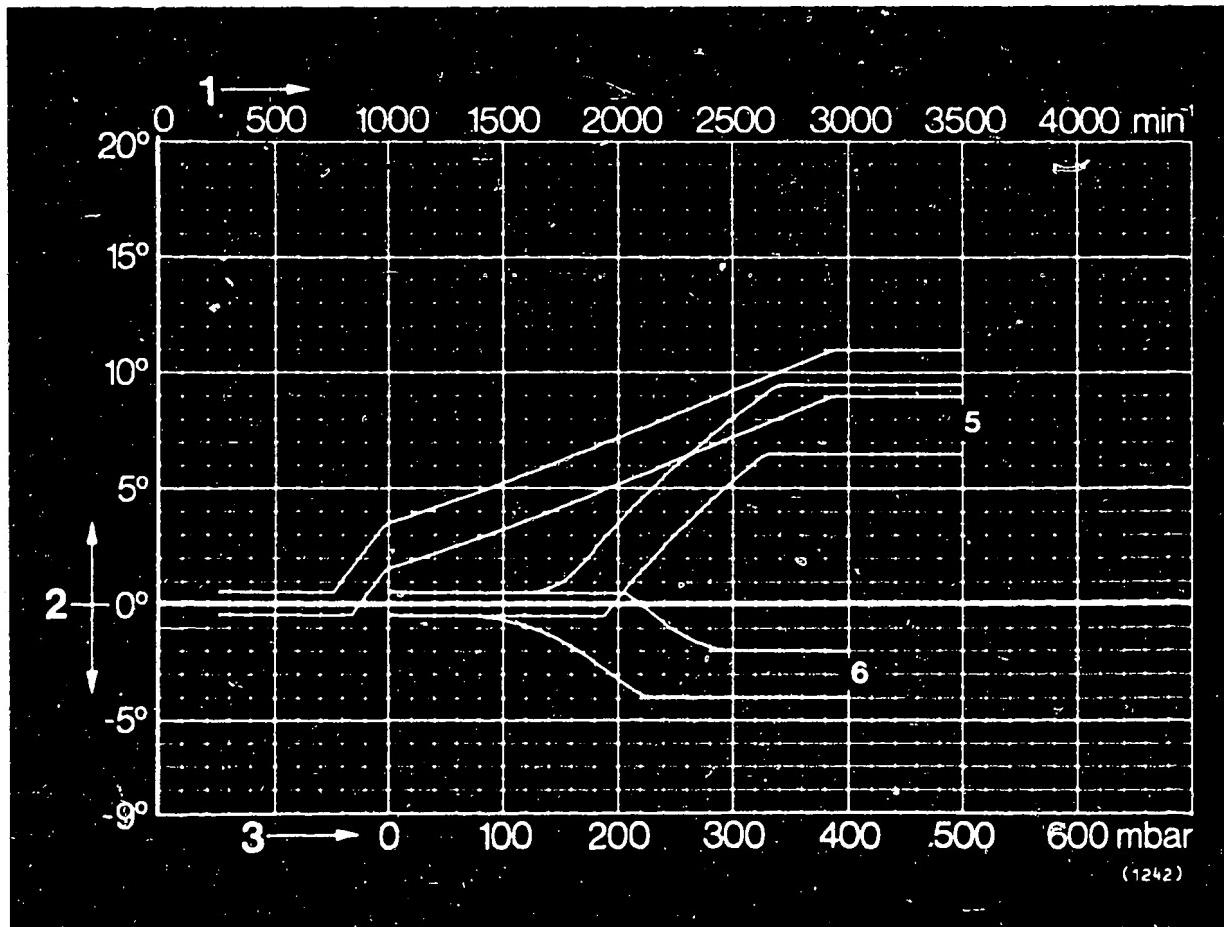
Margin for tolerance:

± 0.5° dist. shaft

Test instructions:

W-231/300





0 231 176 132

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance
- 6 = Negative gauge pressure (vacuum) retard

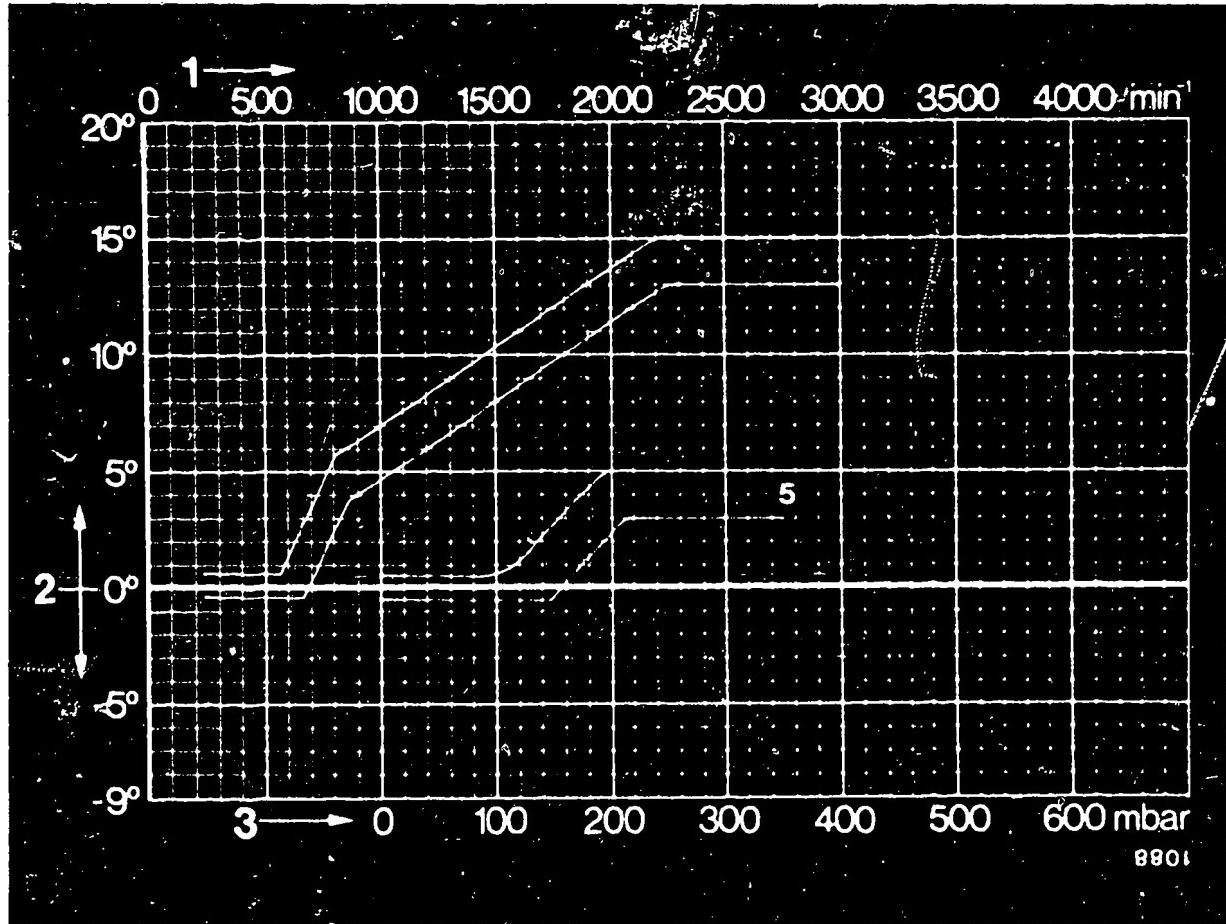
Min. contact gap:	0.35 mm
Dwell angle:	$50 \pm 3^\circ$
Contact pressure:	5.0...6.3 N
Margin for tolerance:	$\pm 0.5^\circ$ dist. shaft
Test instructions:	W-231/300

**J23**

Test specifications

Ignition distributors 0 231 ..





0 231 186 053/054

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

Min. contact gap: 0.46 mm

Dwell angle:  $47 \pm 3^\circ$

Contact pressure: 3.8...5 N

Margin for tolerance:  $\pm 0.5^\circ$  dist. shaft

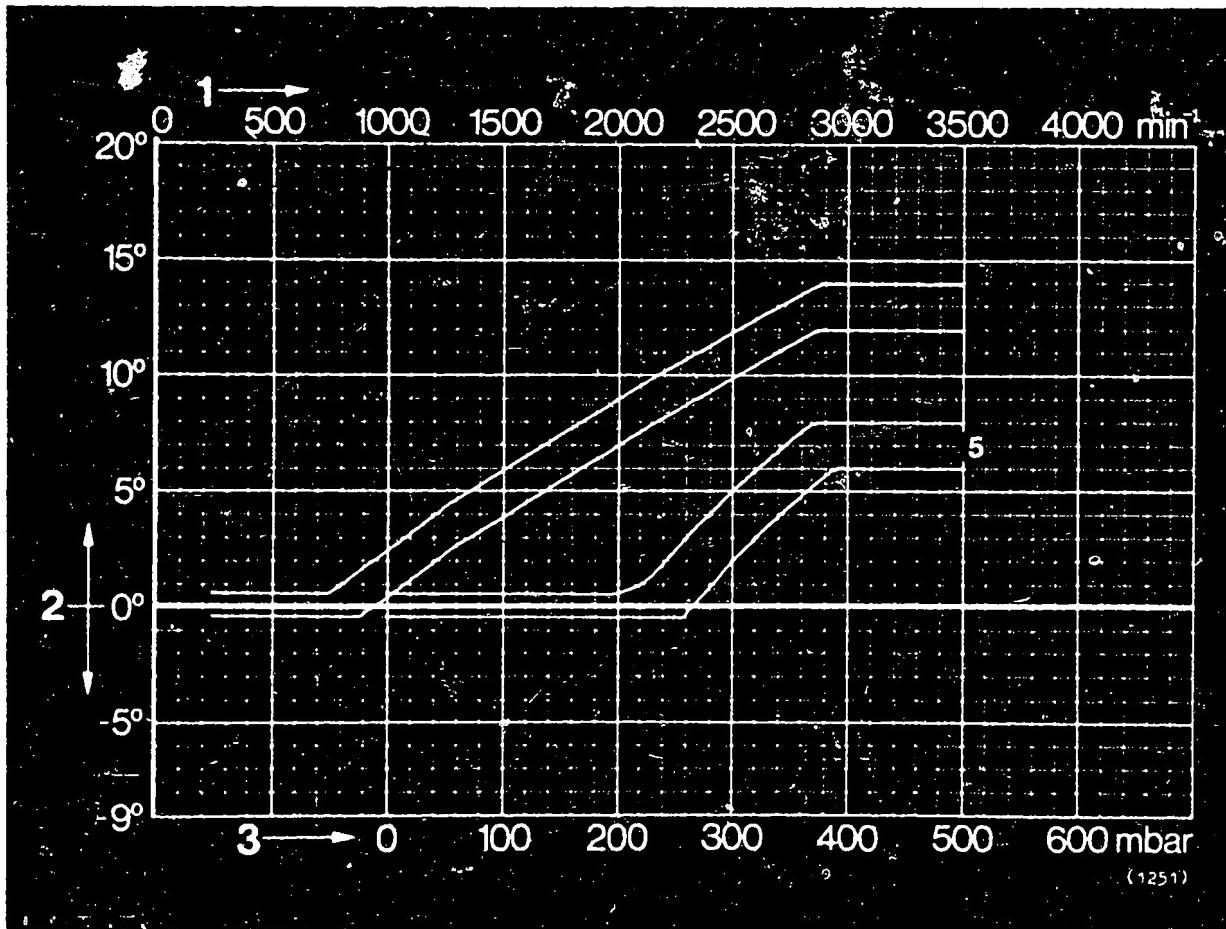
Test instructions: W-231/300

**J24**

Test specifications

Ignition distributors 0 231 ..





0 231 191 007/008

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

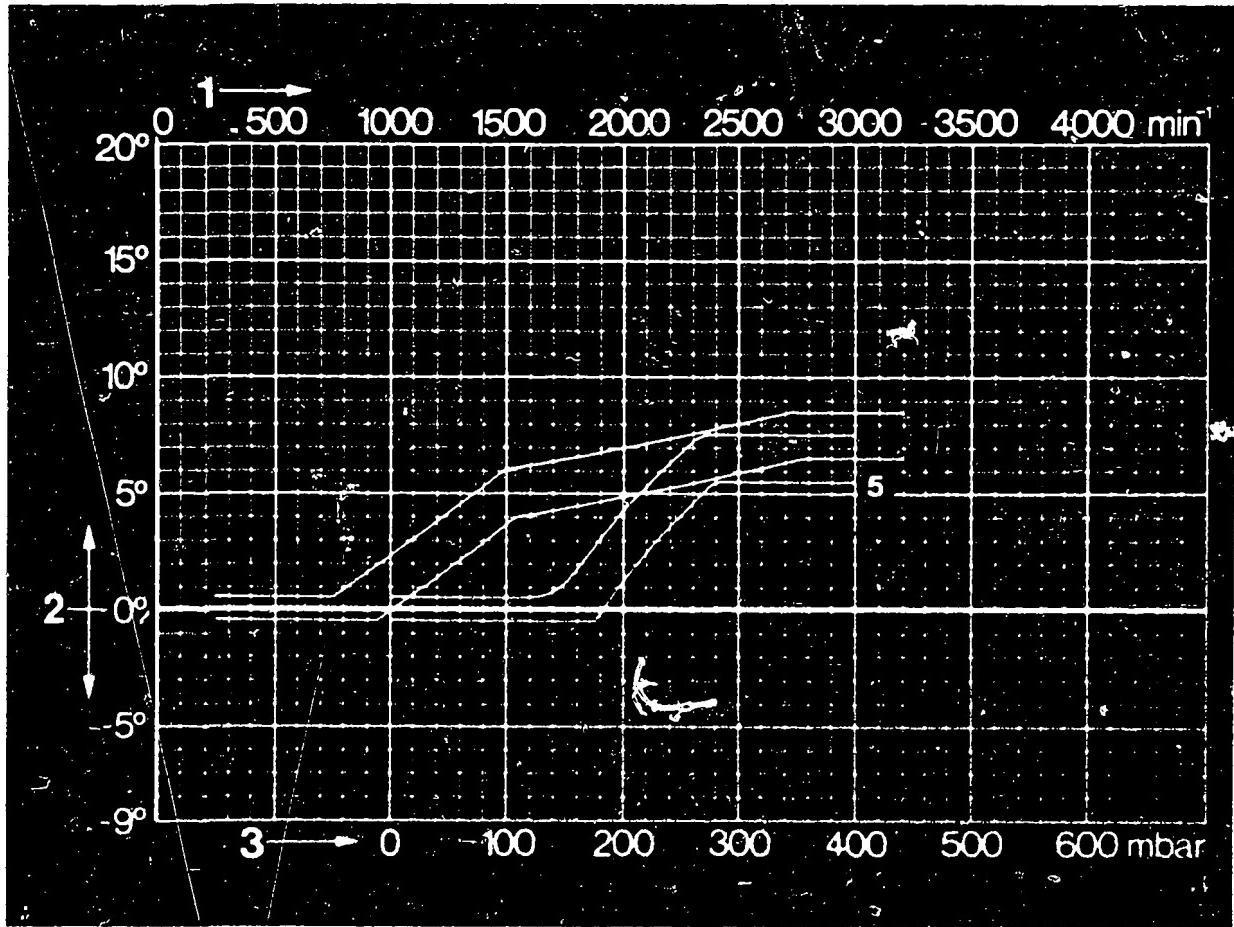
Min. contact gap:	0.46 mm
Dwell angle:	$47 \pm 3^\circ$
Contact pressure:	3.8...5.0 N
Margin for tolerance:	$\pm 0.5^\circ$ dist. shaft
Cut-out speed of limiter:	3330 to 3540 $\text{min}^{-1}$
Test instructions:	W-231/300

**K1**

Test specifications

Ignition distributors 0 231 ..





0 231 191 009/010

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

Min. contact gap:

0.46 mm

Dwell angle:

$47 \pm 3^\circ$

Contact pressure:

3.8...5 N

Margin for tolerance:

$\pm 0.5^\circ$  dist. shaft

Cut-out speed of limiter:

3190 to 3380 min<sup>-1</sup>

Test instructions:

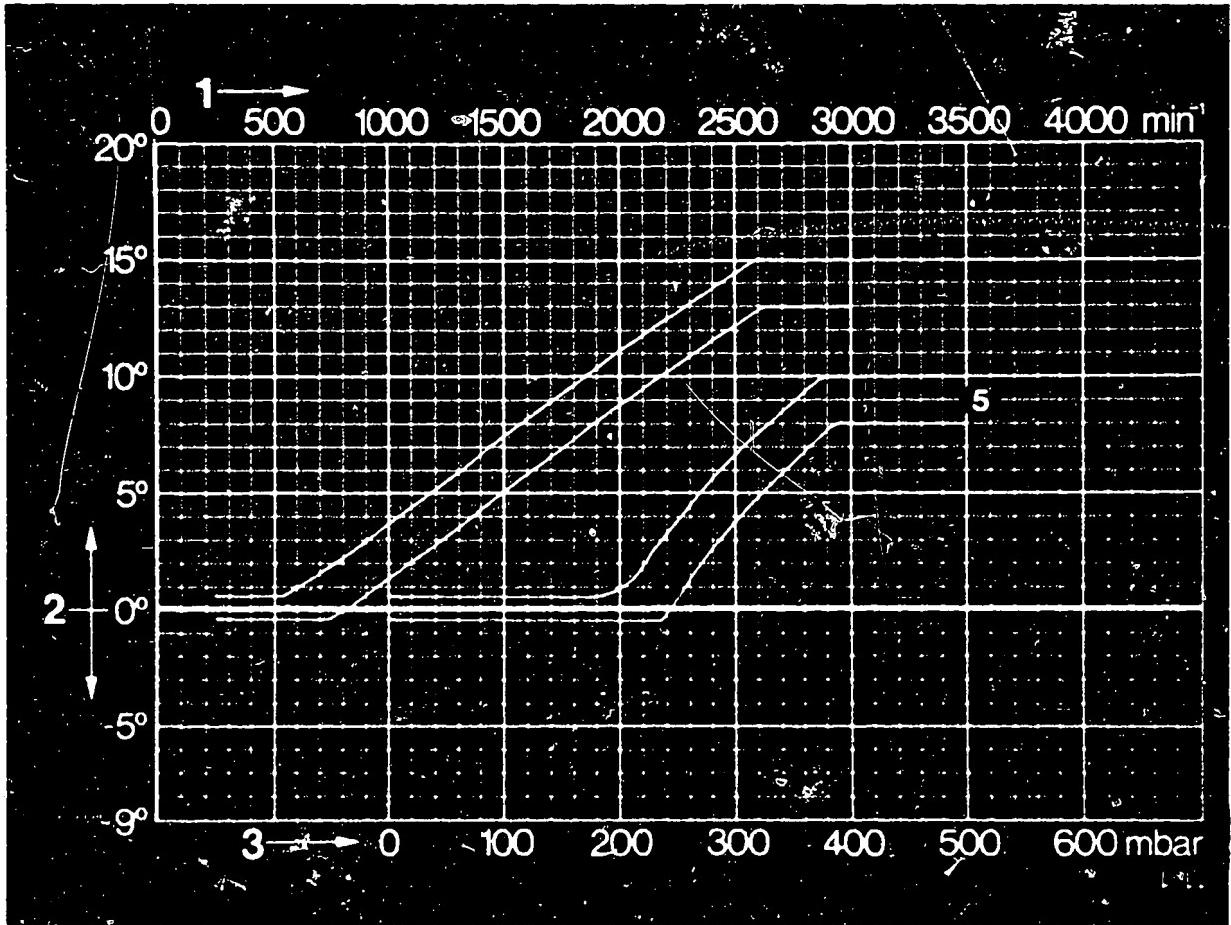
W-231/300

**K2**

Test specifications

Ignition distributors 0 231 ..





0 231 191 011/012

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

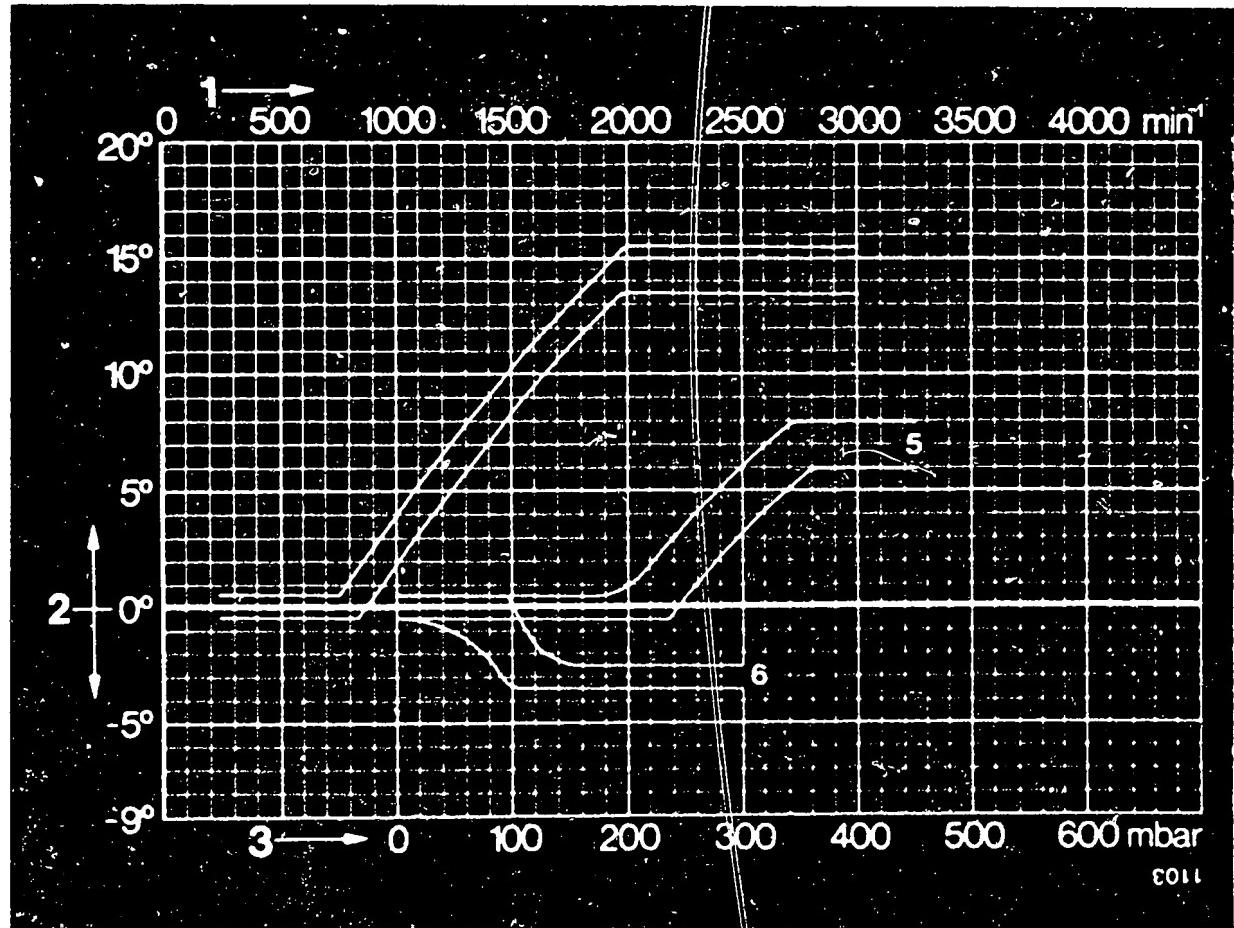
Min. contact gap:	0.46 mm
Dwell angle:	$47 \pm 3^\circ$
Contact pressure:	3.8...5 N
Margin for tolerance:	$\pm 0.5^\circ$ dist. shaft
Cut-out speed of limiter:	3190 to 3380 $\text{min}^{-1}$
Test instructions:	W-231/300

**K3**

Test specifications

Ignition distributors 0 231 ..





0 231 194 003/004

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance
- 6 = Negative gauge pressure (vacuum) retard

Min. contact gap: 0.46...0.56 mm

Dwell angle:  $47 \pm 3^\circ$

Contact pressure: 3.8...5 N

Margin for tolerance:  $\pm 0.5^\circ$  dist. shaft

Cut-out speed of limiter: 3190 to 3380  $\text{min}^{-1}$

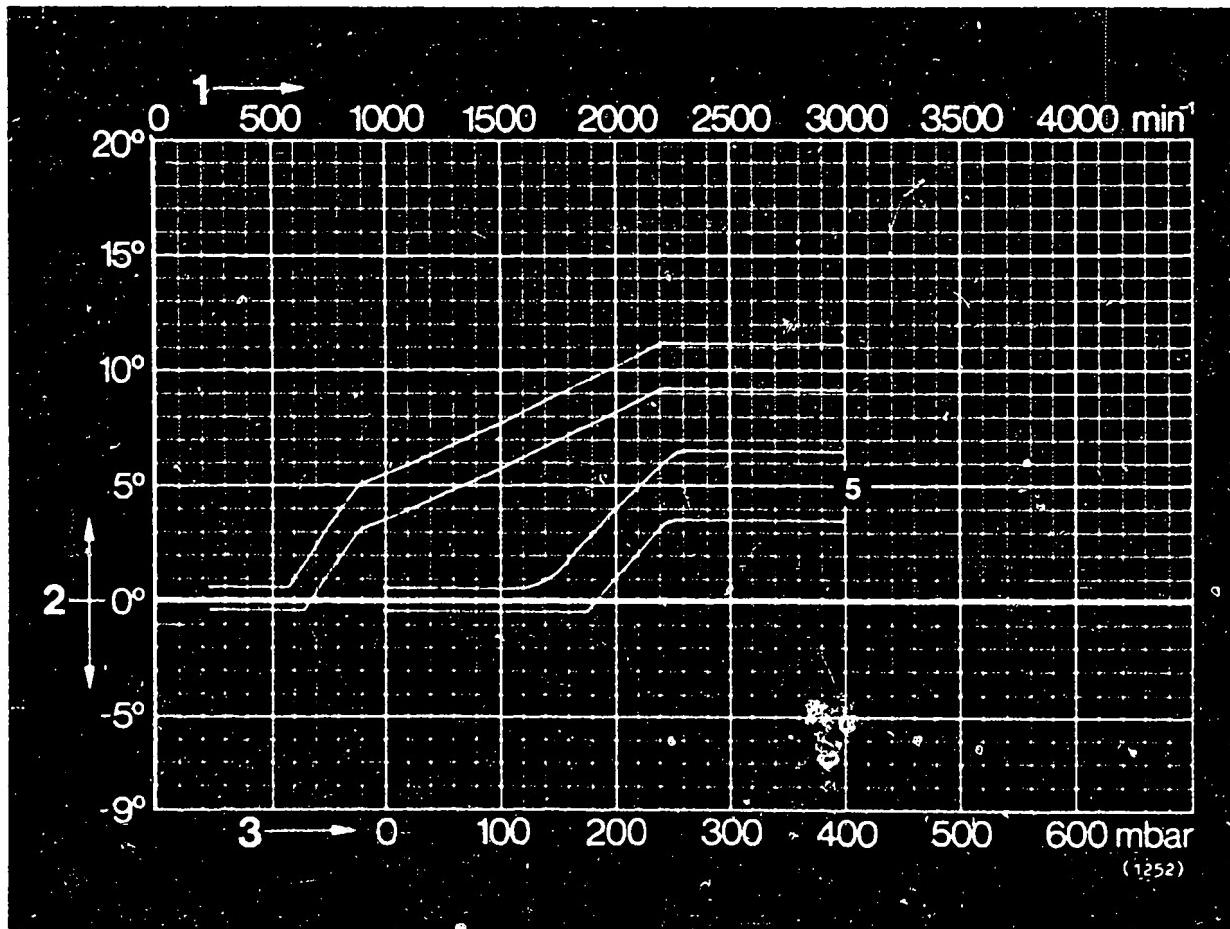
Test instructions: W-231/300

**K4**

Test specifications

Ignition distributors 0 231 ..





0 231 305 090

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

Min. contact gap: 0.40 mm

Dwell angle:  $38 \pm 3^\circ$

Contact pressure: 5.0...6.3 N

Margin for tolerance:  $\pm 0.5^\circ$  dist. shaft

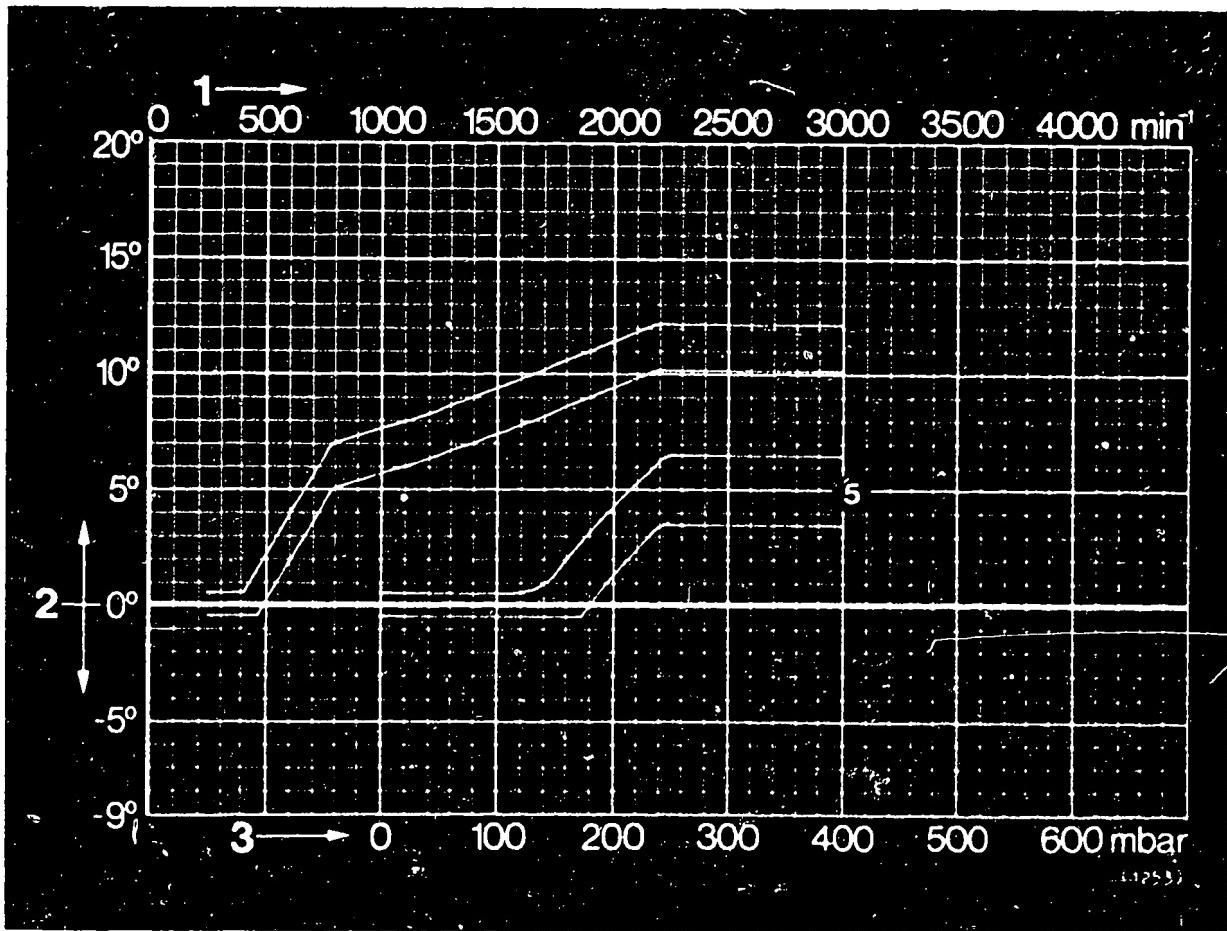
Test instructions: W-231/300

**K5**

Test specifications

Ignition distributors 0 231 ..





0 231 305 091

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

Min. contact gap: 0.40 mm

Dwell angle:  $38 \pm 3^\circ$

Contact pressure: 5.0...6.3 N

Margin for tolerance:  $\pm 0.5^\circ$  dist. shaft

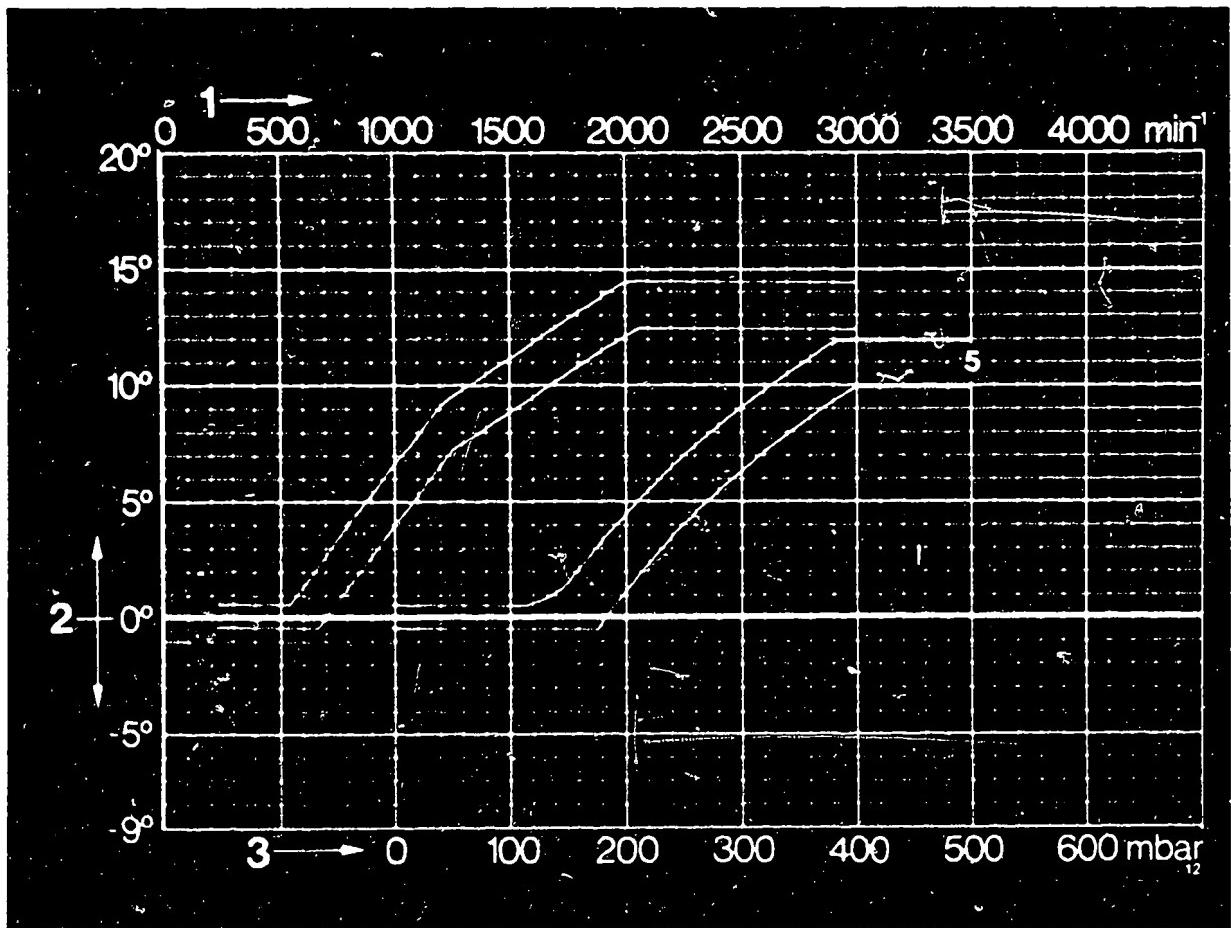
Test instructions: W-231/300

**K6**

Test specifications

Ignition distributors 0 231 ..





0 231 310 009/010

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

Min. contact gap: 0.40 mm

Dwell angle:  $38 \pm 3^\circ$

Contact pressure: 5.0...6.3 N

Margin for tolerance:  $\pm 0.5^\circ$  dist. shaft

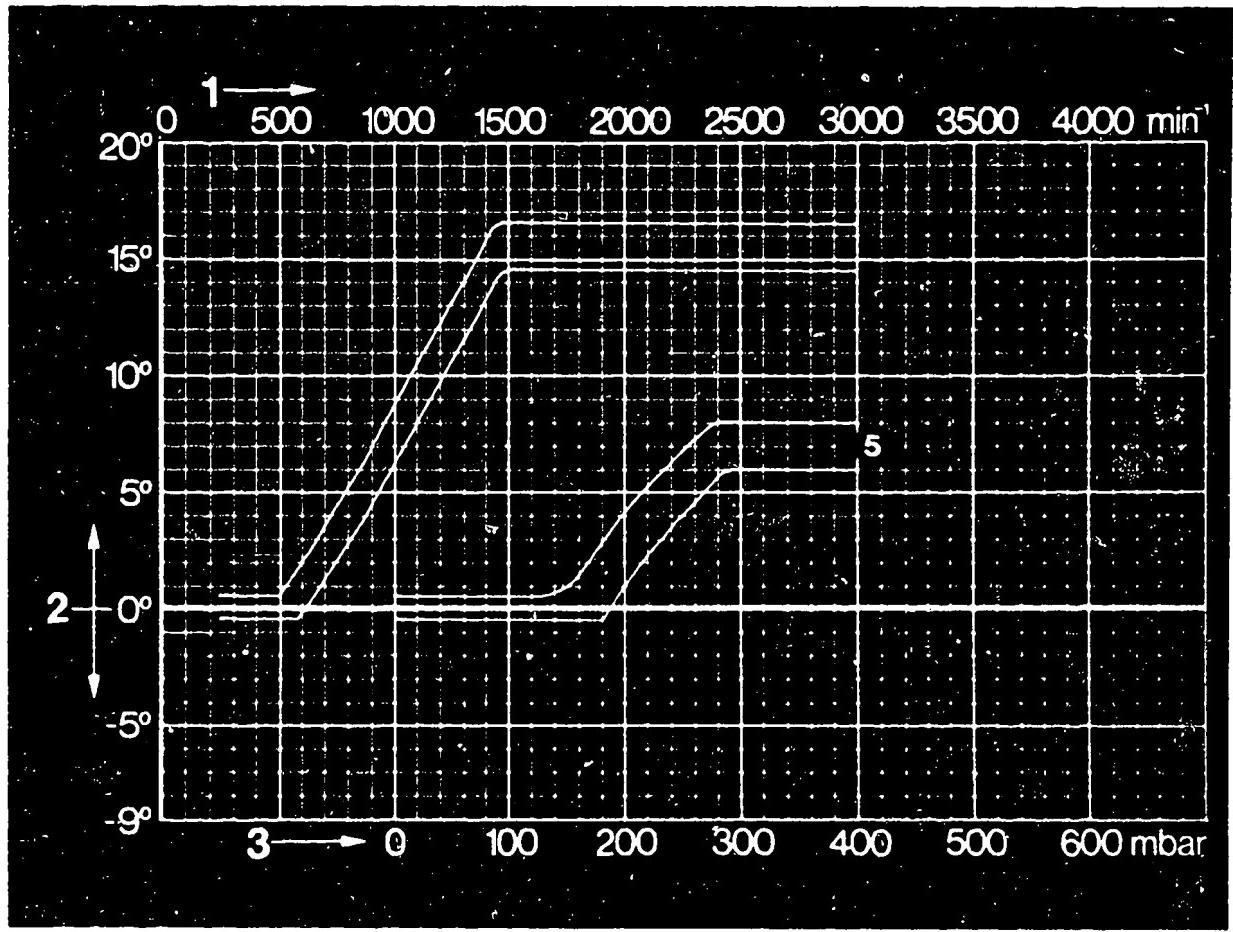
Test instructions: W-231/300

**K7**

Test specifications

Ignition distributors 0 231 ..





0 231 310 011/012

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

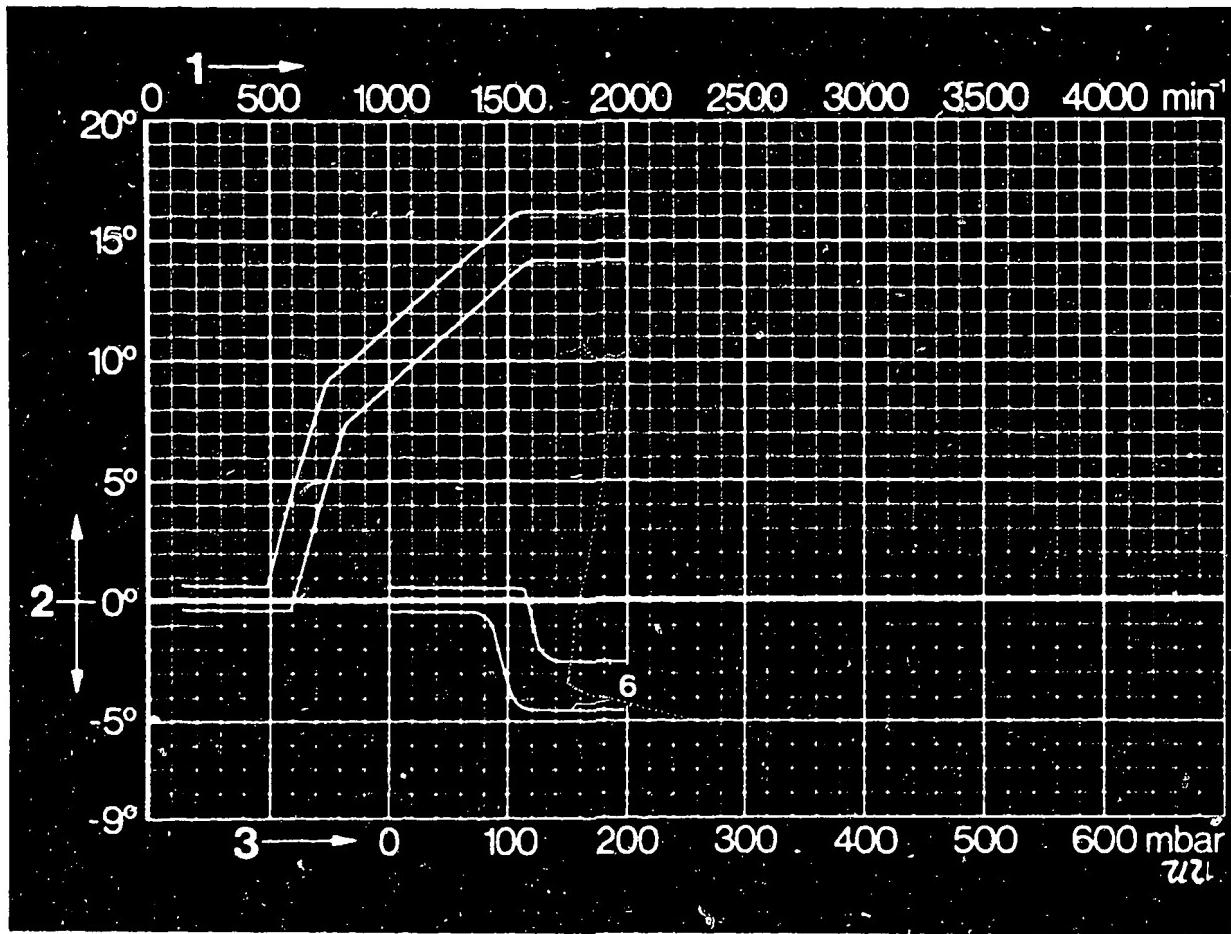
Min. contact gap:	0.40 mm
Dwell angle:	$38 \pm 3^\circ$
Contact pressure:	5.0...6.3 N
Margin for tolerance:	$\pm 0.5^\circ$ dist. shaft
Cut-out speed of limiter:	2790 to 2990 $\text{min}^{-1}$
Test instructions:	W-231/300

**K8**

Test specifications

Ignition distributors 0 231 ..





0 231 115 061

1 = Rotational speed, distributor shaft

2 = Distributor shaft adjustment

3 = Negative gauge pressure (vacuum)

6 = Negative gauge pressure (vacuum) retard

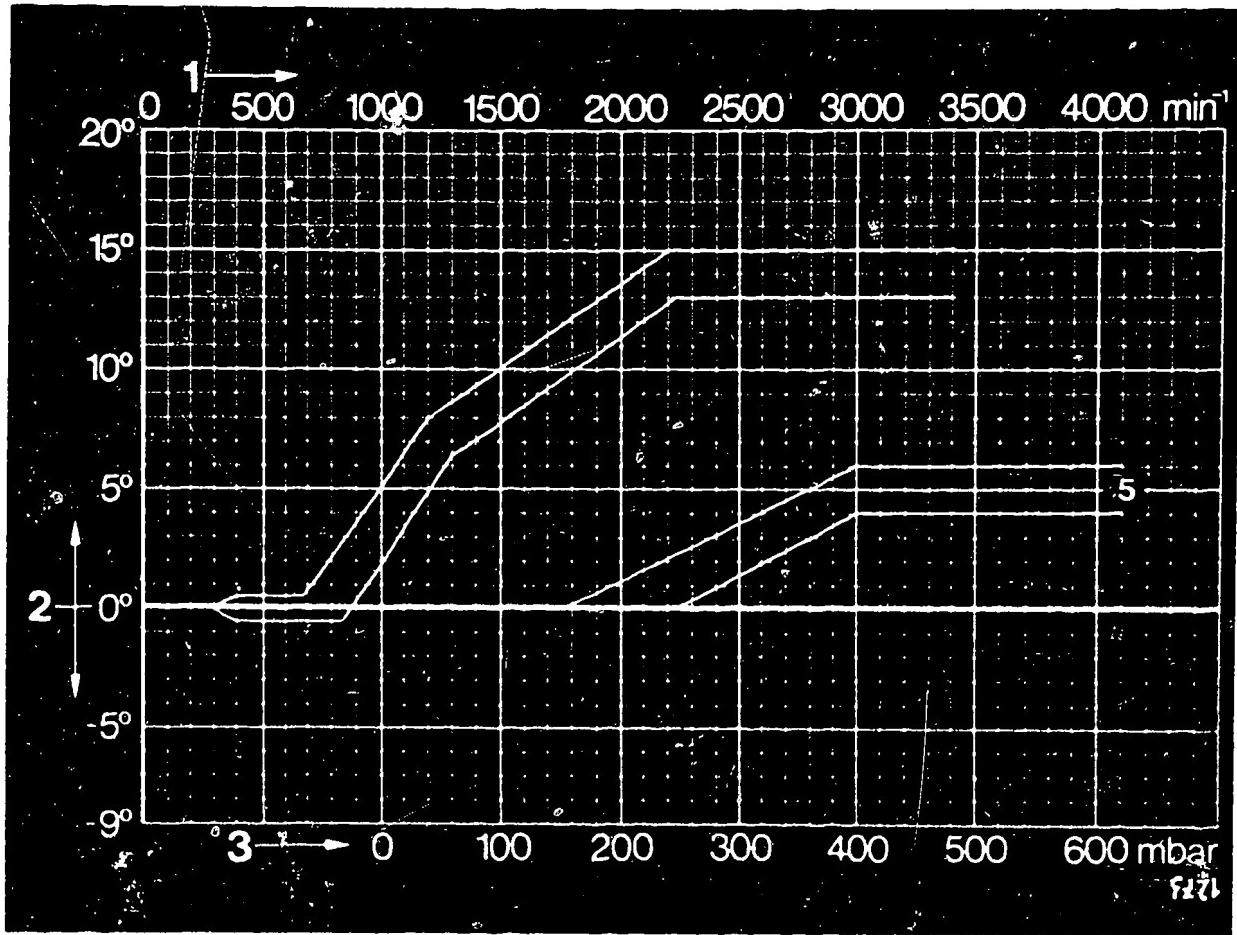
Min. contact gap:	0.40 mm
Dwell angle:	$50 \pm 3^\circ$
Contact pressure:	6.5...8.0 N
Margin for tolerance:	$\pm 0.5^\circ$ dist. shaft
FD:	648 →
Test instructions:	W-231/300

K9

Test specifications

Ignition distributors 0 231 ..





0 231 119 004

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

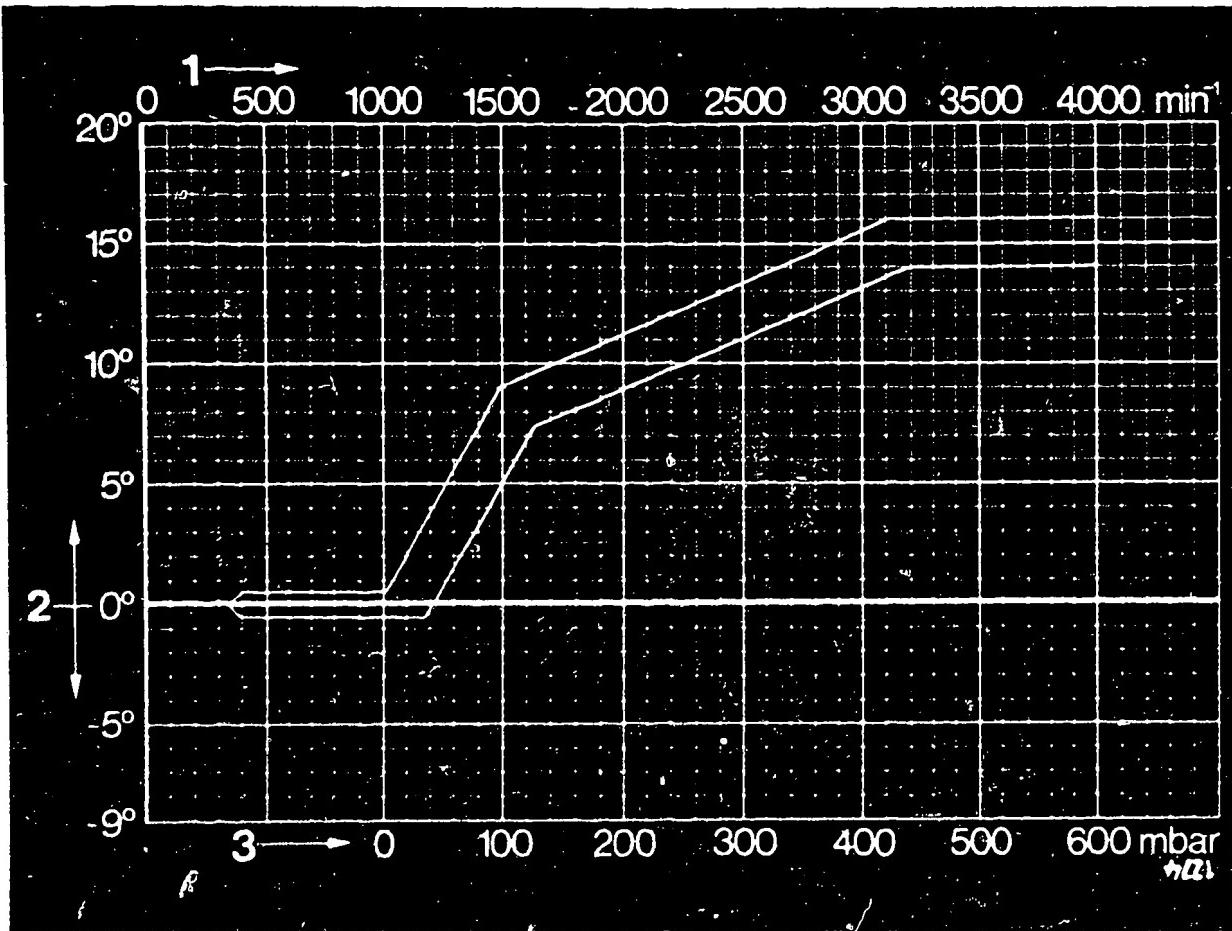
Min. contact gap:	0.25 mm
Dwell angle:	$36 \pm 3^\circ$
Contact pressure:	5.0...6.3 N
Margin for tolerance:	$\pm 0.5^\circ$ dist. shaft
Angular ignition spacing:	45-90-180-225-270-315°
FD:	649 →
Test instructions:	W-231/300

**K10**

Test specifications

Ignition distributors 0 231 ..





0 231 129 031

1 = Rotational speed, distributor shaft

2 = Distributor shaft adjustment

3 = Negative gauge pressure (vacuum)

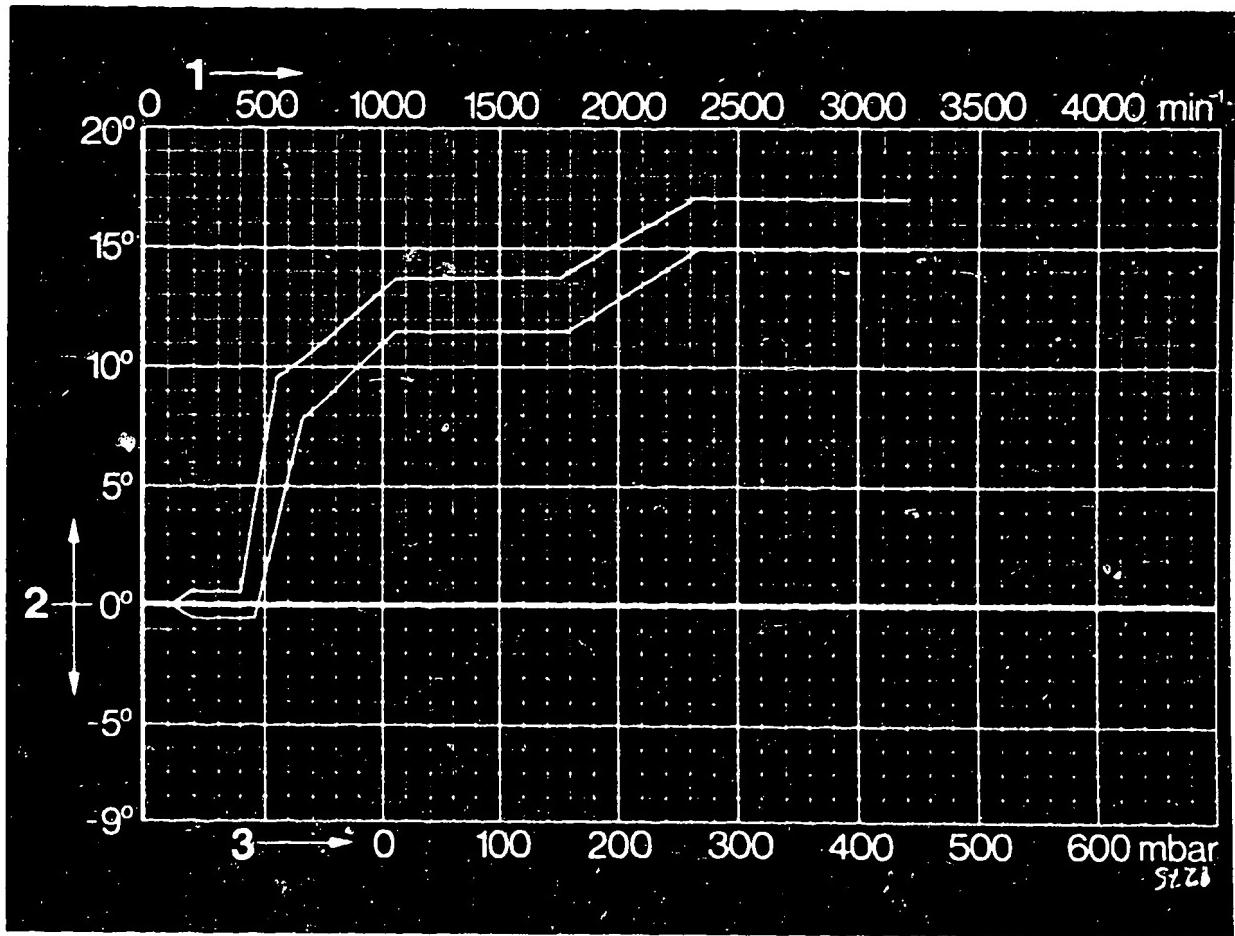
Min. contact gap:	0.40 mm
Dwell angle:	$50 \pm 3^\circ$
Contact pressure:	6.5...8.0 N
Margin for tolerance:	$\pm 0.5^\circ$ dist. shaft
FD:	649 →
Test instructions:	W-231/300

**K11**

Test specifications

Ignition distributors 0 231 ..





0 231 136 002

1 = Rotational speed, distributor shaft

2 = Distributor shaft adjustment

3 = Negative gauge pressure (vacuum)

Min. contact gap:

> 0.3 mm

Dwell angle:

$38 \pm 3^\circ$

Contact pressure:

5.0...6.3 N

Margin for tolerance:

$\pm 0.5^\circ$  dist. shaft

Cut-out speed of limiter:

2255 to 2395 min<sup>-1</sup>

FD:

649 ↳

Test instructions:

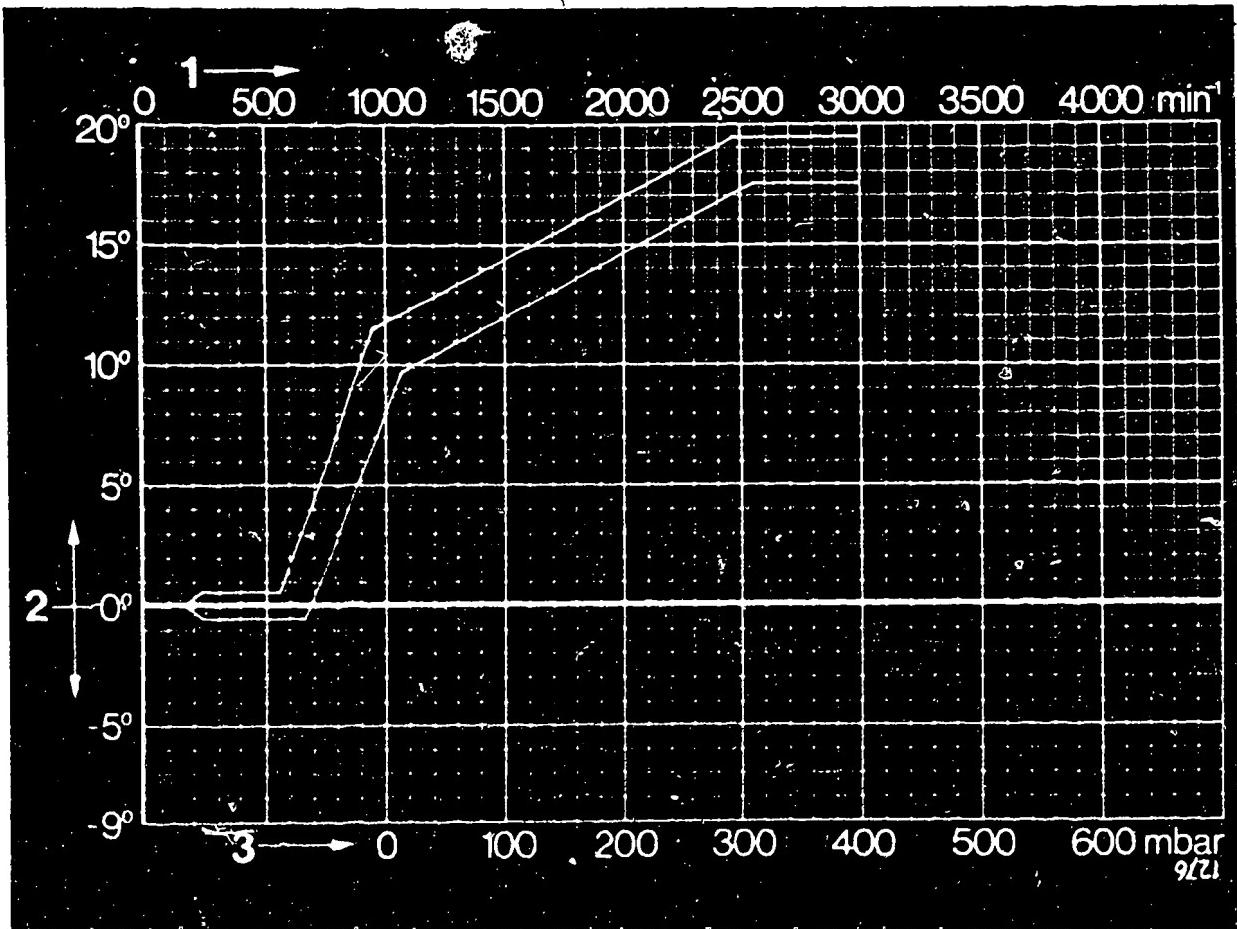
W-231/300

**K12**

Test specifications

Ignition distributors 0 231 ..





0 231 145 001

1 = Rotational speed, distributor shaft

2 = Distributor shaft adjustment

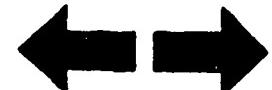
3 = Negative gauge pressure (vacuum)

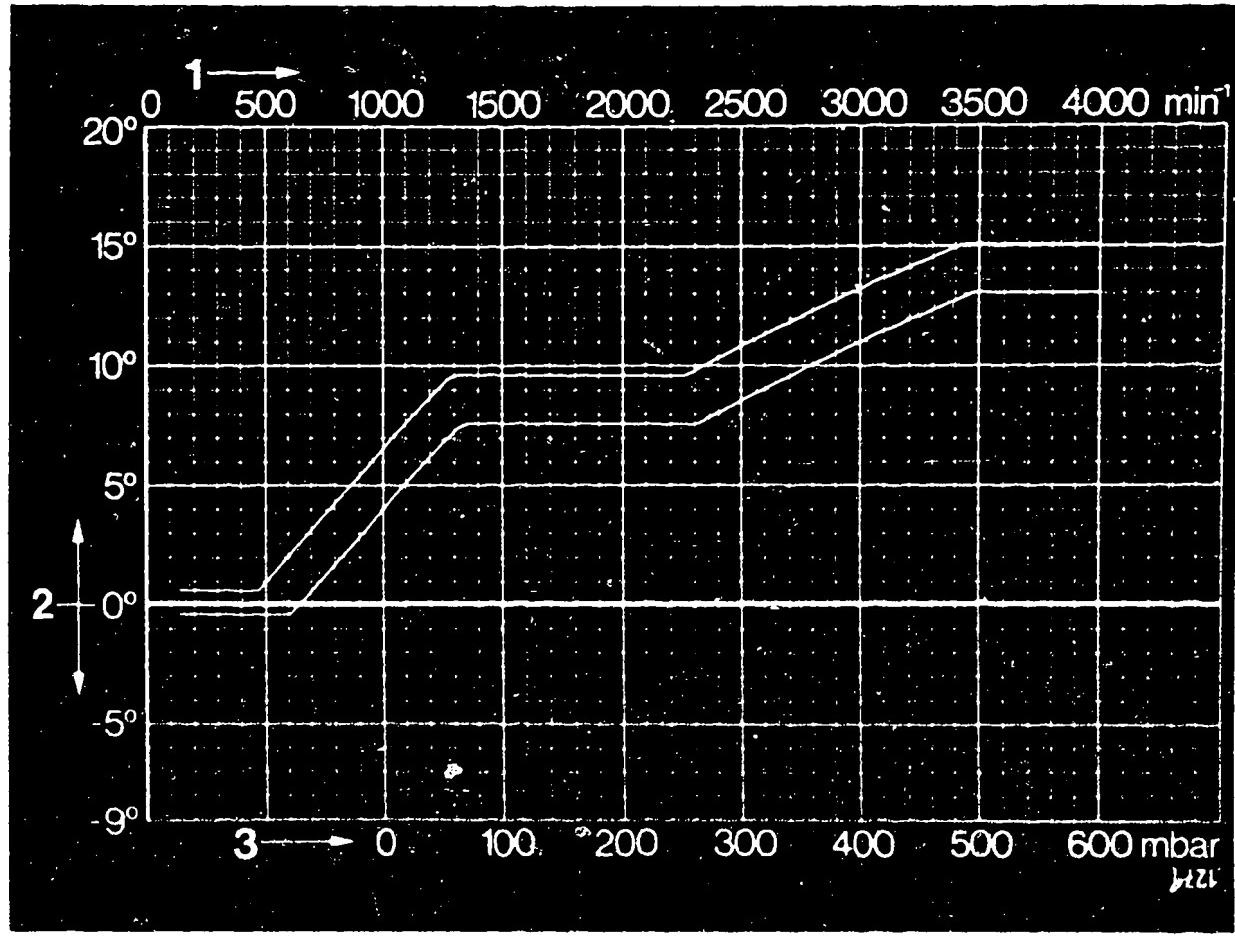
Min. contact gap:	0.45 mm
Dwell angle:	$50 \pm 3^\circ$
Contact pressure:	5.0...6.3 N
Margin for tolerance:	$\pm 0.5^\circ$ dist. shaft
FD:	649 →
Test instructions:	W-231/300

K13

Test specifications

Ignition distributors 0 231 ..





0 231 159 001

1 = Rotational speed, distributor shaft

2 = Distributor shaft adjustment

3 = Negative gauge pressure (vacuum)

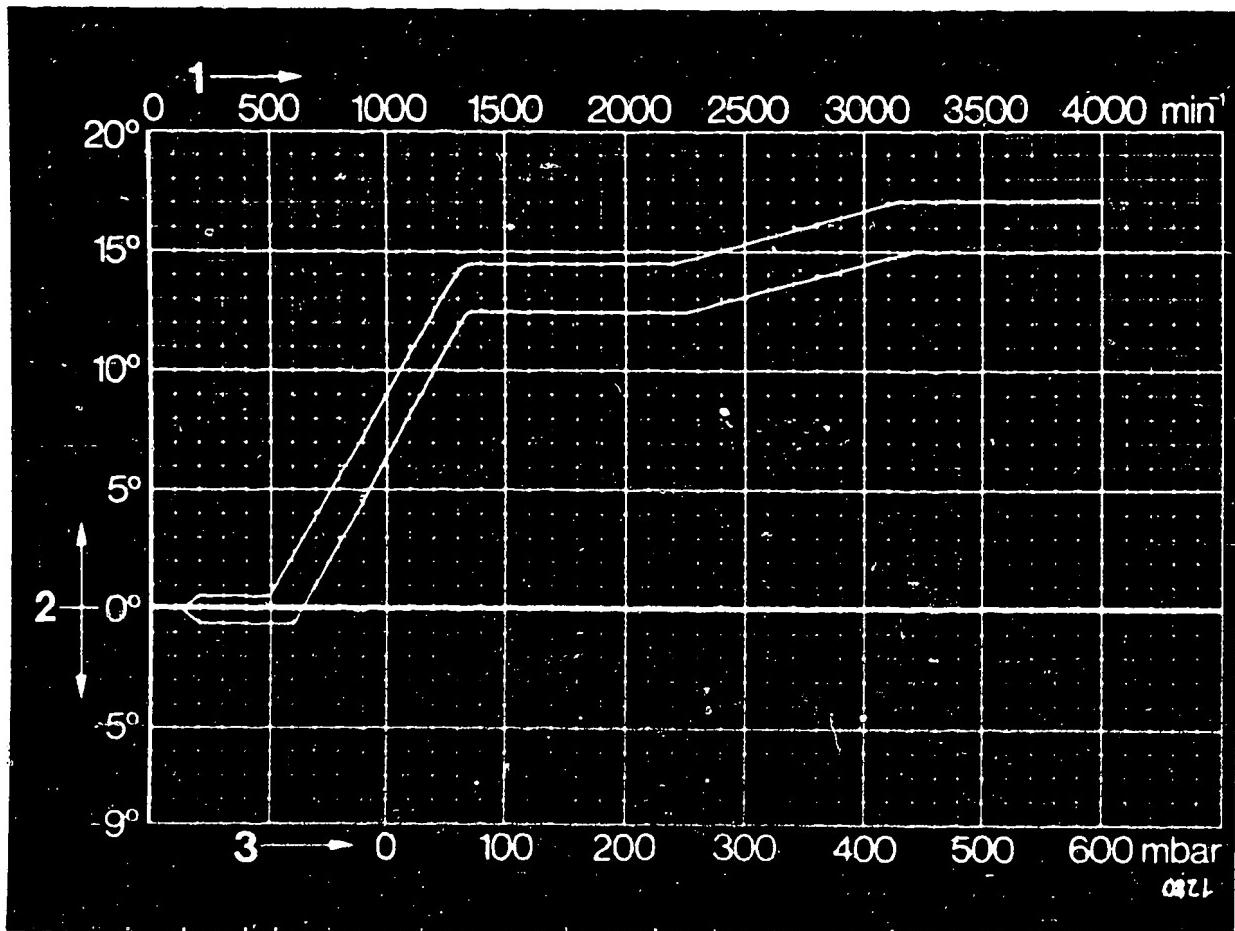
Min. contact gap:	0.30 mm
Dwell angle:	$38 \pm 3^\circ$
Contact pressure:	6.5...8.0 N
Margin for tolerance:	$\pm 0.5^\circ$ dist. shaft
Cut-out speed of limiter:	3480 to 3690 $\text{min}^{-1}$
FD:	648 →
Test instructions:	W-231/300

**K14**

Test specifications

Ignition distributors 0 231 ..





0 231 159 006

1 = Rotational speed, distributor shaft

2 = Distributor shaft adjustment

3 = Negative gauge pressure (vacuum)

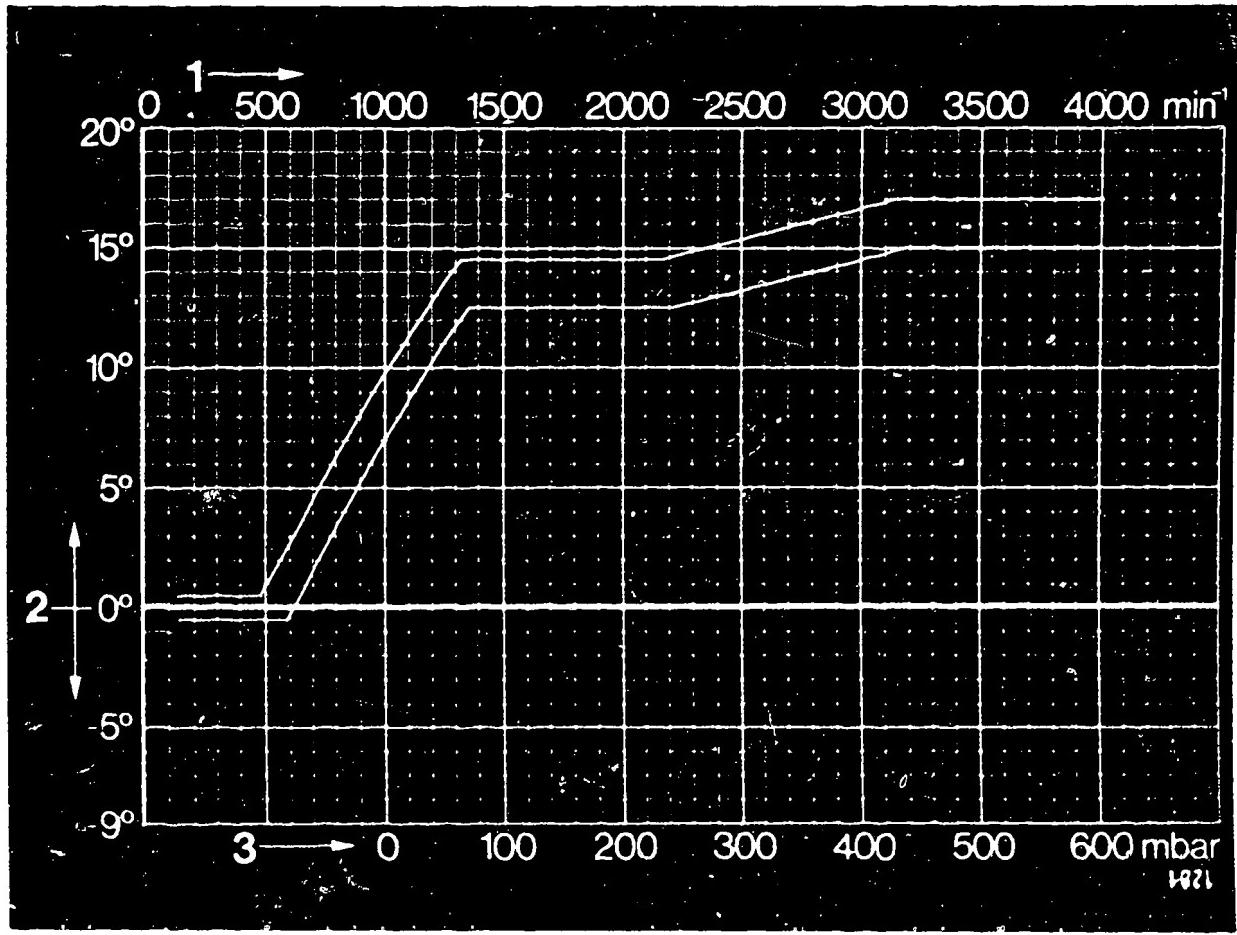
Min. contact gap:	0.30 mm
Dwell angle:	$38 \pm 3^\circ$
Contact pressure:	6.5...8.0 N
Margin for tolerance:	$\pm 0.5^\circ$ dist. shaft
Cut-out speed of limiter:	3480 to 3690 $\text{min}^{-1}$
FD:	649 →
Test instructions:	W-231/300

**K15**

Test specifications

Ignition distributors 0 231 ..





0 231 159 007

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment
- 3 = Negative gauge pressure (vacuum)

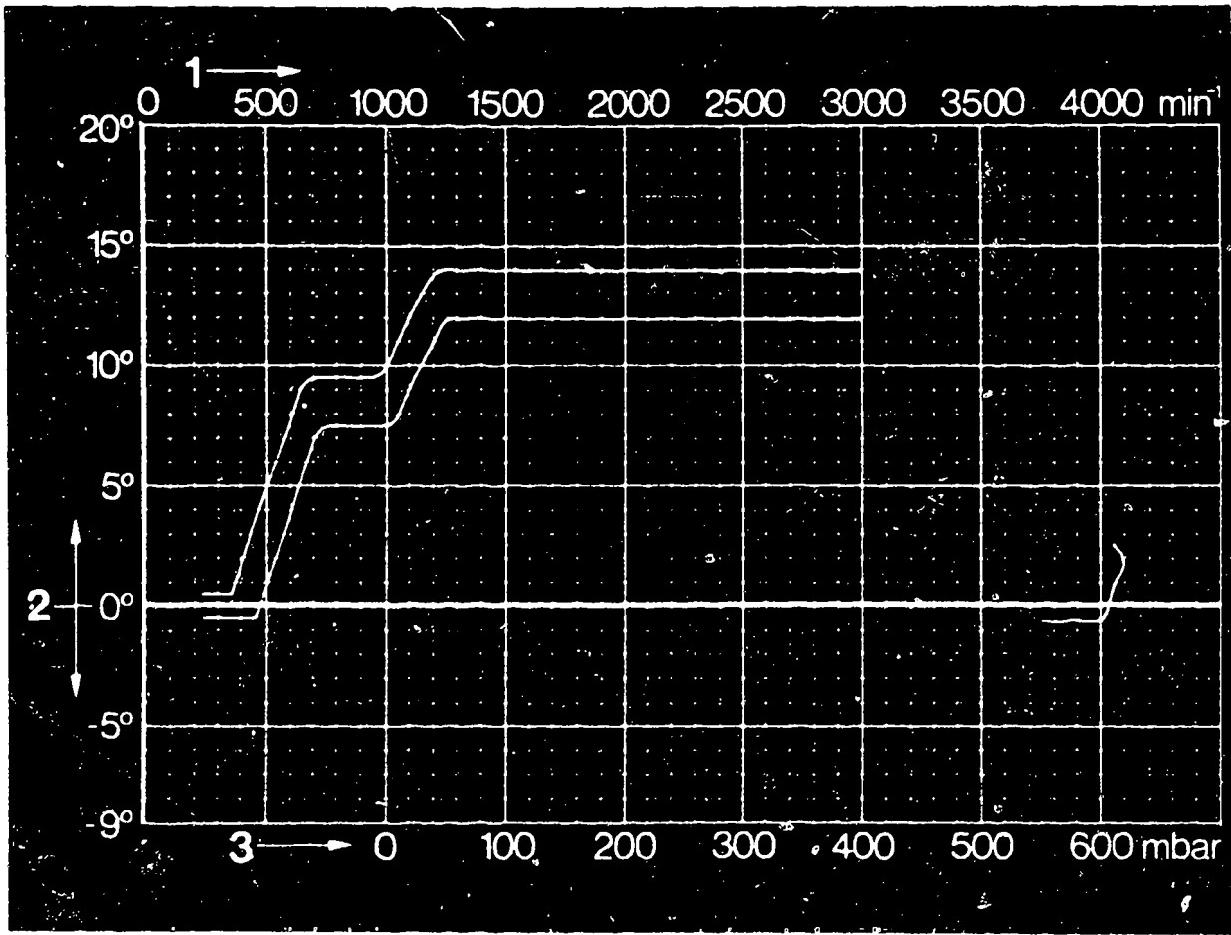
Min. contact gap:	0.30 mm
Dwell angle:	38 $\pm$ 3°
Contact pressure:	6.5...8.0 N
Margin for tolerance:	$\pm$ 0.5° dist. shaft
Cut-out speed of limiter:	3575 to 3795 min⁻¹
FD:	648 ↘
Test instructions:	W-231/300

**K16**

Test specifications

Ignition distributors 0 231 ..





0 231 161 004

1 = Rotational speed, distributor shaft

2 = Distributor shaft adjustment

3 = Negative gauge pressure (vacuum)

Min. contact gap:

0.40 mm

Dwell angle:

$50 \pm 3^\circ$

Contact pressure:

5.0...6.3 N

Margin for tolerance:

$\pm 0.5^\circ$  dist. shaft

Cut-out speed of limiter:

2350 to 2500 min<sup>-1</sup>

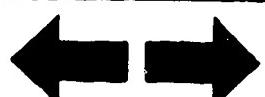
Test instructions:

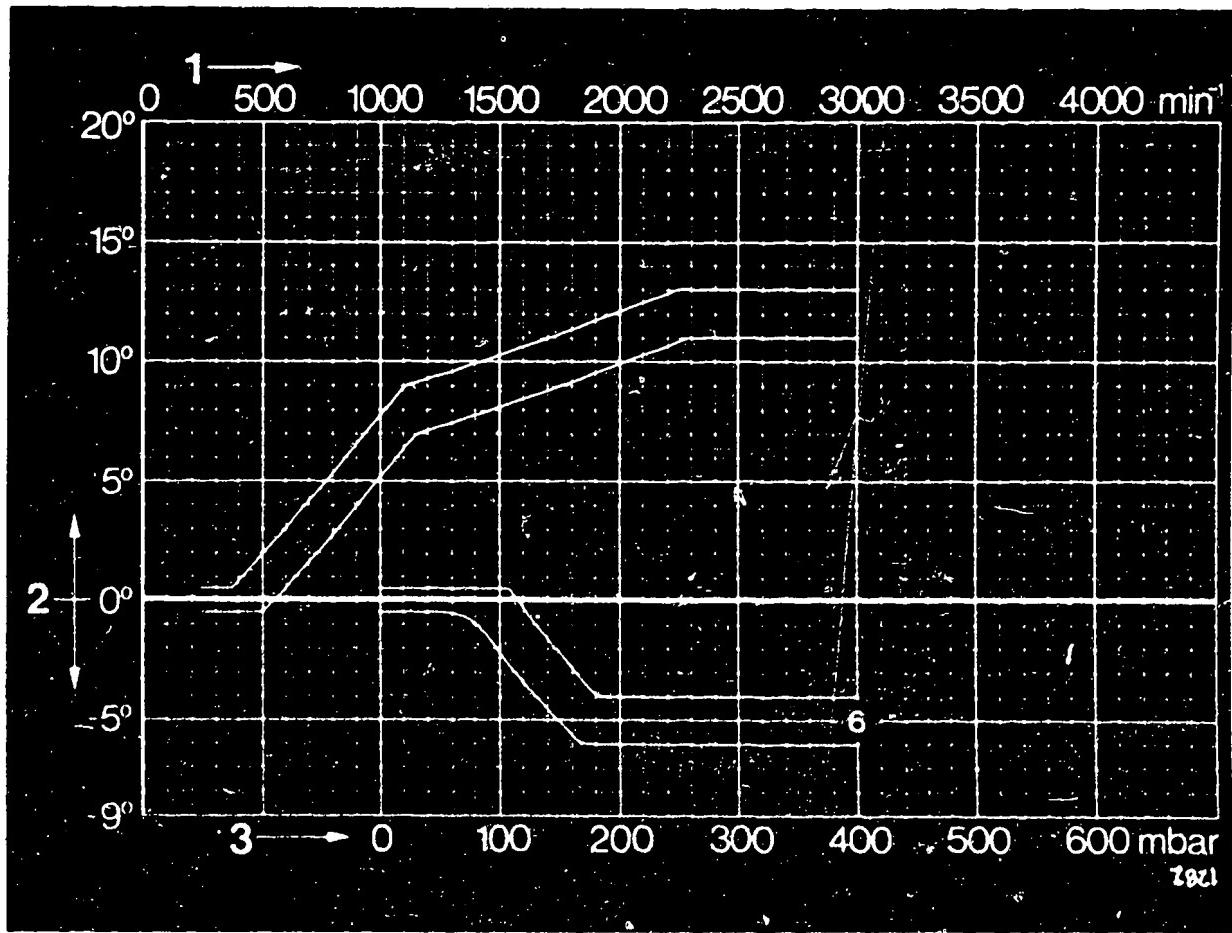
W-231/300

K17

Test specifications

Ignition distributors 0 231 ..





0 231 163 033

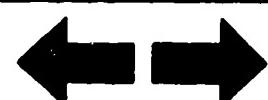
- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 6 = Negative gauge pressure (vacuum) retard

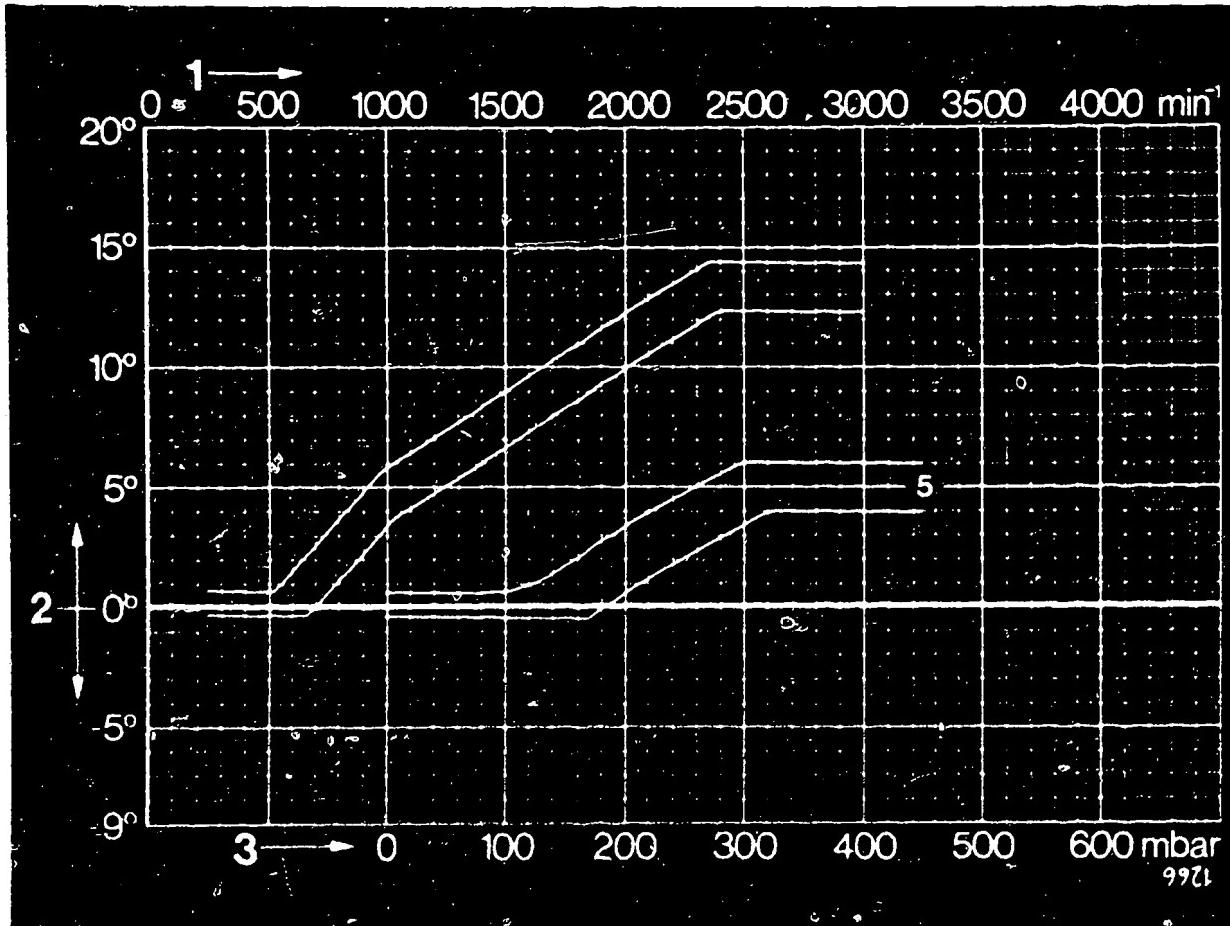
Min. contact gap:	0.40 mm
Dwell angle:	$60 \pm 3^\circ$
Contact pressure:	5.0...6.3 N
Margin for tolerance:	$\pm 0.5^\circ$ dist. shaft
FD:	648 →
Test instructions:	W-231/300

**K18**

Test specifications

Ignition distributors 0 231 ..





0 231 170 318

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

Min. contact gap:	0.40 mm
Dwell angle:	$50 \pm 3^\circ$
Contact pressure:	5.0...6.3 N
Margin for tolerance:	$\pm 0.5^\circ$ dist. shaft

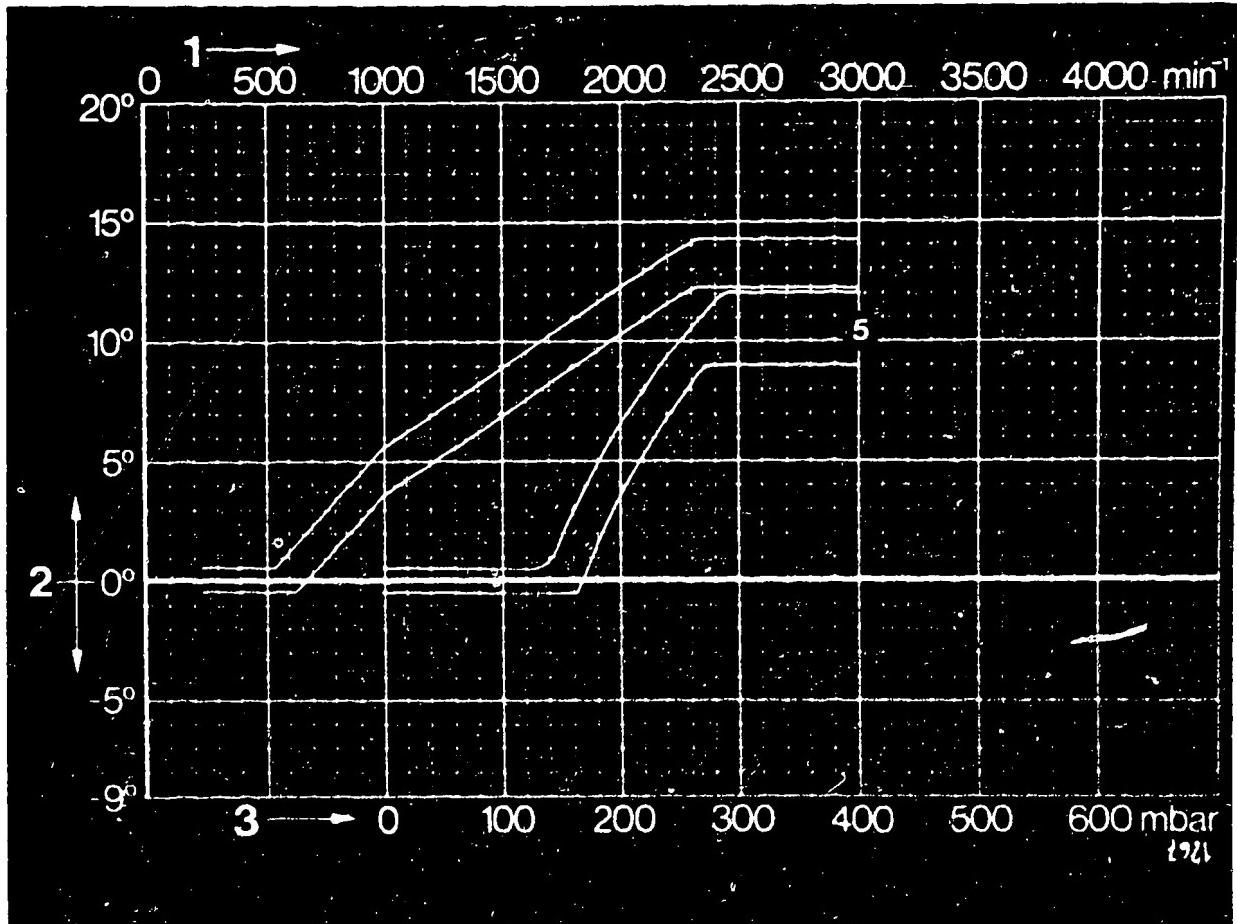
Test instructions: W-231/300

**K19**

Test specifications

Ignition distributors 0 231 ..





0 231 170 319

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

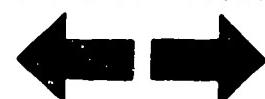
Min. contact gap:	0.35 mm
Dwell angle:	$50 \pm 3^\circ$
Contact pressure:	5.0...6.3 N
Margin for tolerance:	$\pm 0.5^\circ$ dist. shaft

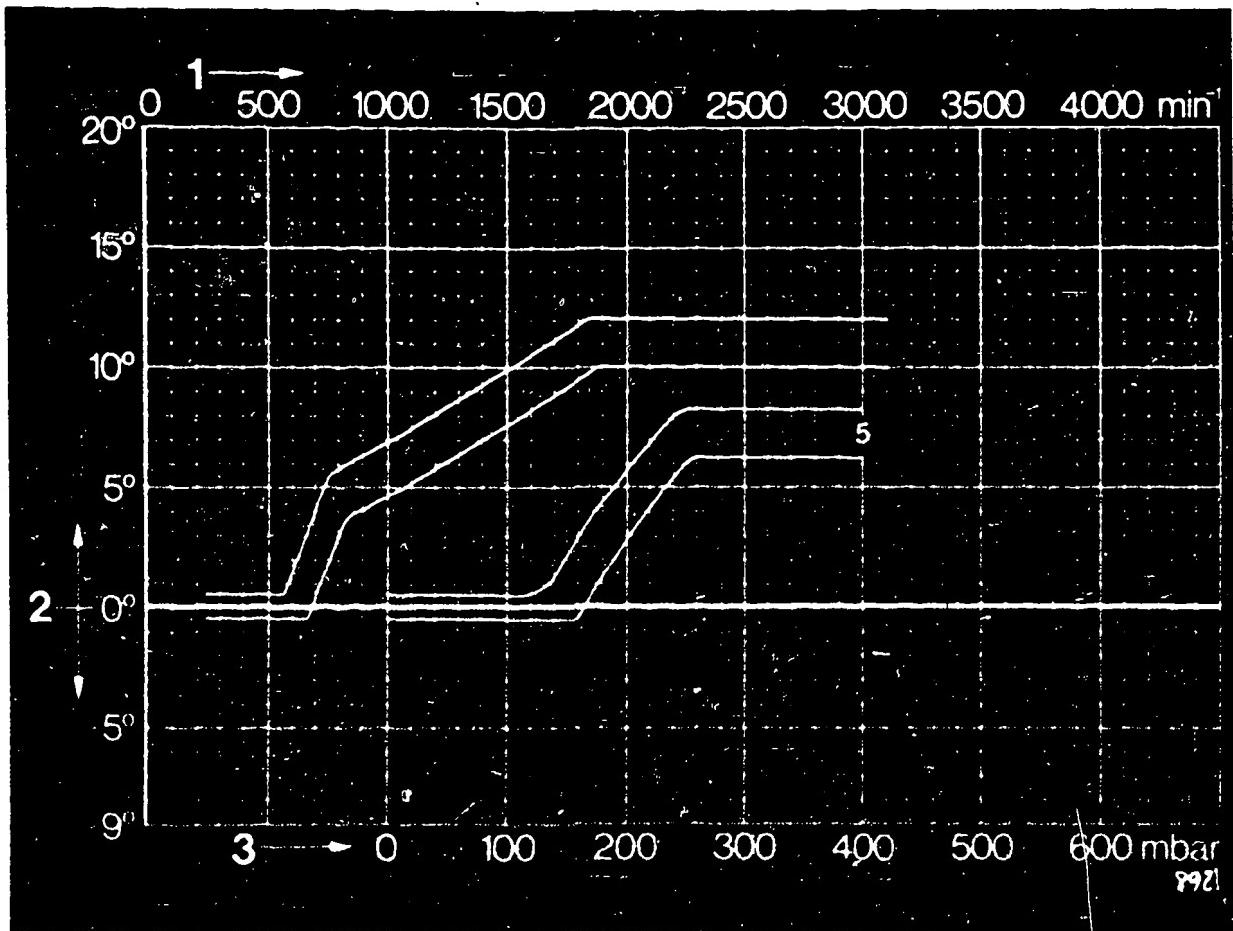
Test instructions: W-231/300

**K20**

Test specifications

Ignition distributors 0 231 ..





0 231 170 339

1 = Rotational speed, distributor shaft

2 = Distributor shaft adjustment

3 = Negative gauge pressure (vacuum)

5 = Negative gauge pressure (vacuum) advance

Min. contact gap: 0.40 mm

Dwell angle:  $50 \pm 3^\circ$

Contact pressure: 5.0...6.3 N

Margin for tolerance:  $\pm 0.5^\circ$  dist. shaft

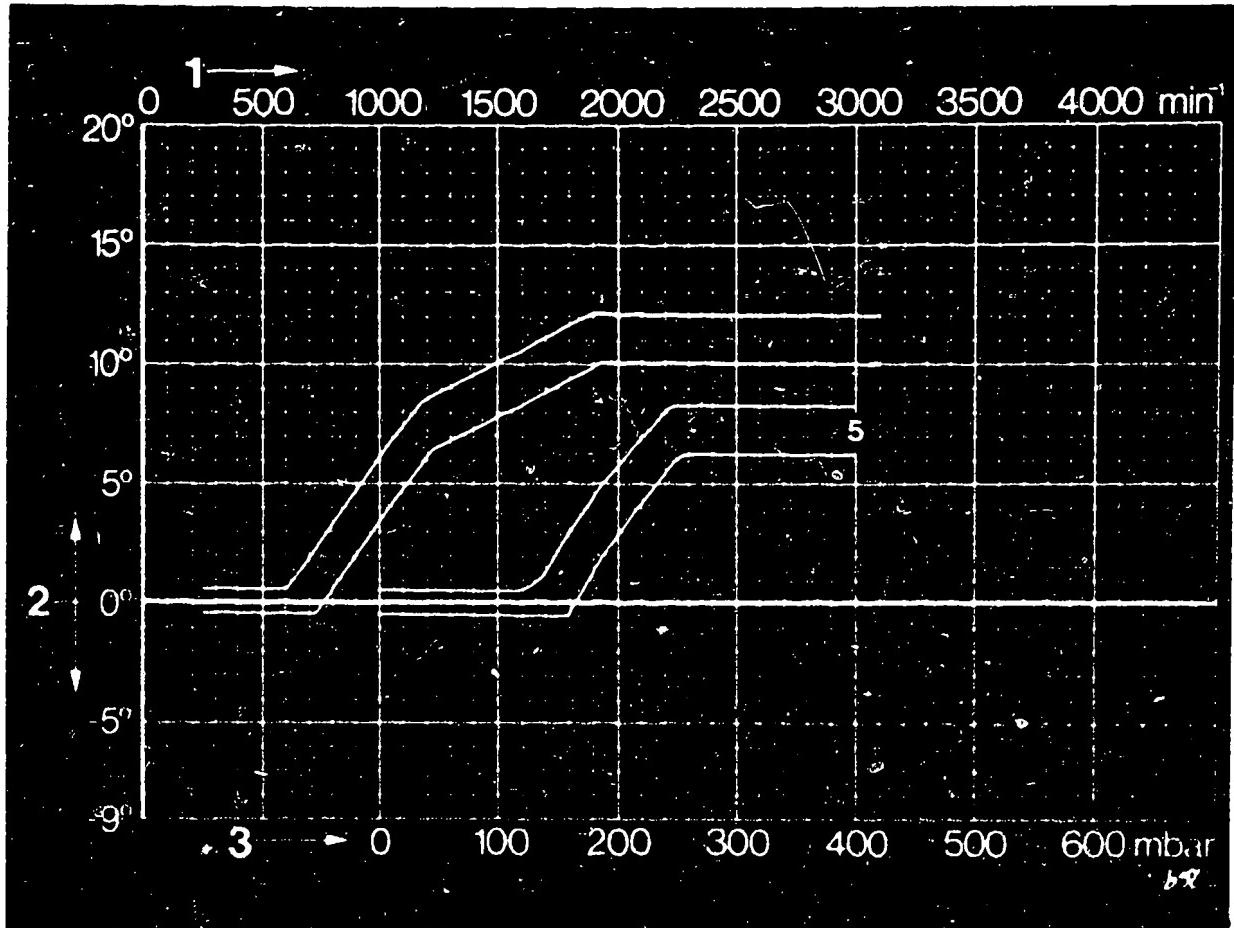
Test instructions: W-231/300

**K21**

Test specifications

Ignition distributors 0 231 ..





0 231 170 340

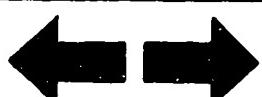
- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

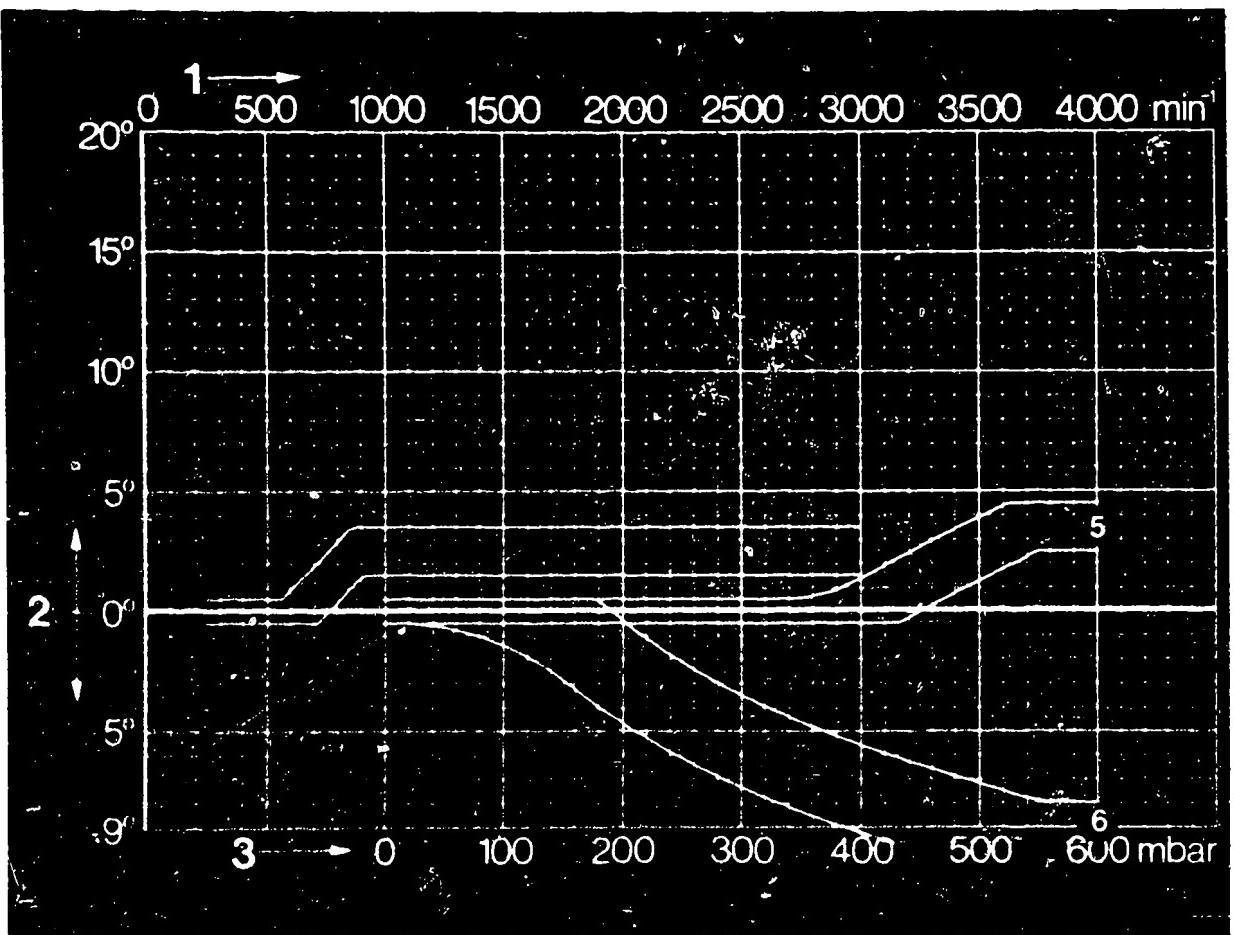
Min. contact gap:	0.40 mm
Dwell angle:	$50 \pm 3^\circ$
Contact pressure:	5.0...6.3 N
Margin for tolerance:	$\pm 0.5^\circ$ dist. shaft
Test instructions:	W-231/300

**K22**

Test specifications

Ignition distributors 0 231 ..





0 231 176 090

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment in ° distrib. shaft
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance
- 6 = Negative gauge pressure (vacuum) retard

Min. contact gap:	0.40 mm
Dwell angle:	50 $\pm$ 3°
Contact pressure:	5.0...6.3 N
Margin for tolerance:	$\pm$ 0.5° dist. shaft

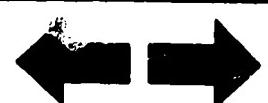
Test instructions: W-231/300

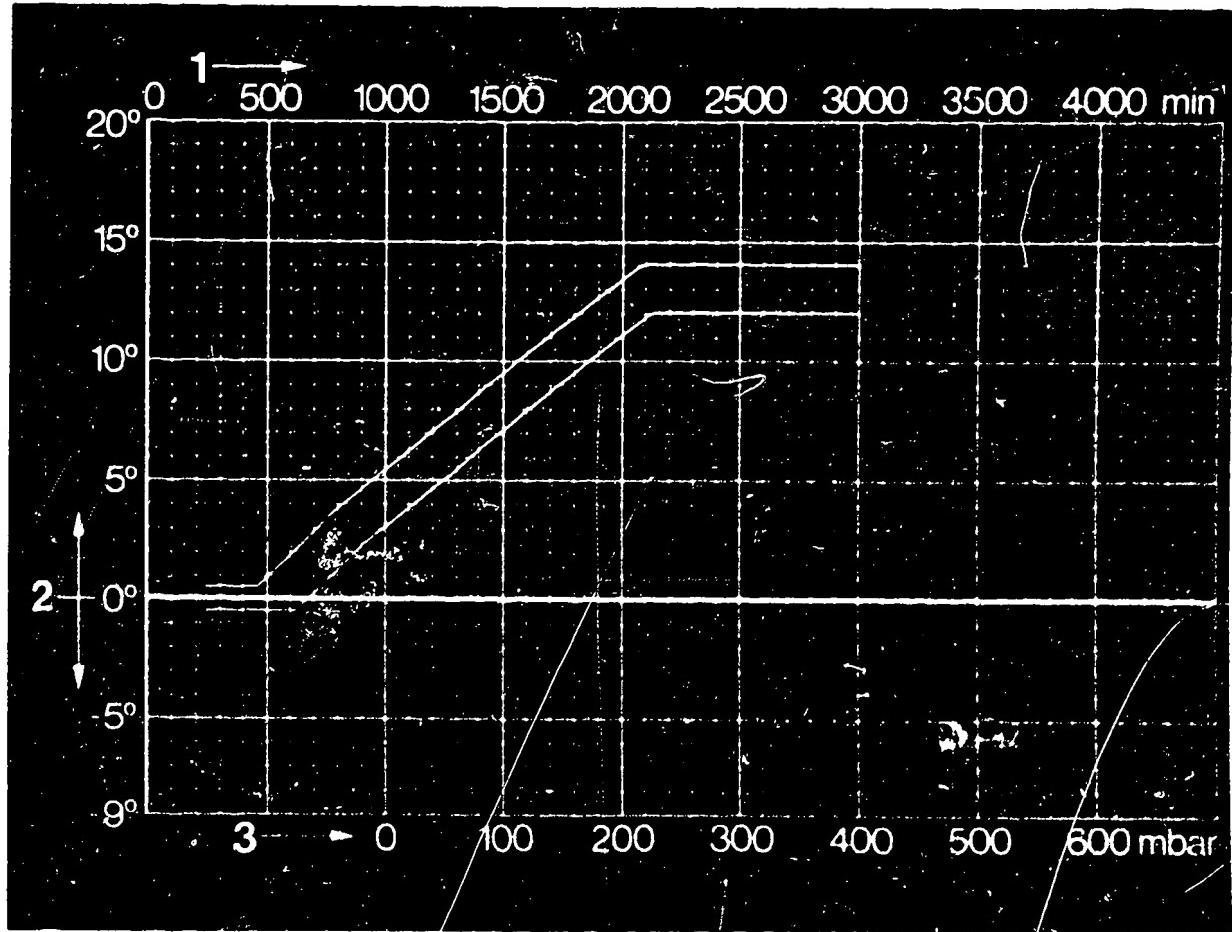
Clamping flange: 1 685 700 129  
Driver: 1 686 400 004

**K23**

Test specifications

Ignition distributors 0 231 ..





0 231 178 019

1 = Rotational speed, distributor shaft

2 = Distributor shaft adjustment

3 = Negative gauge pressure (vacuum)

Min. contact gap:

0.40 mm

Dwell angle:

$62 \pm 3^\circ$

Contact pressure:

5.0...6.3 N

Margin for tolerance:

$\pm 0.5^\circ$  dist. shaft

Test instructions:

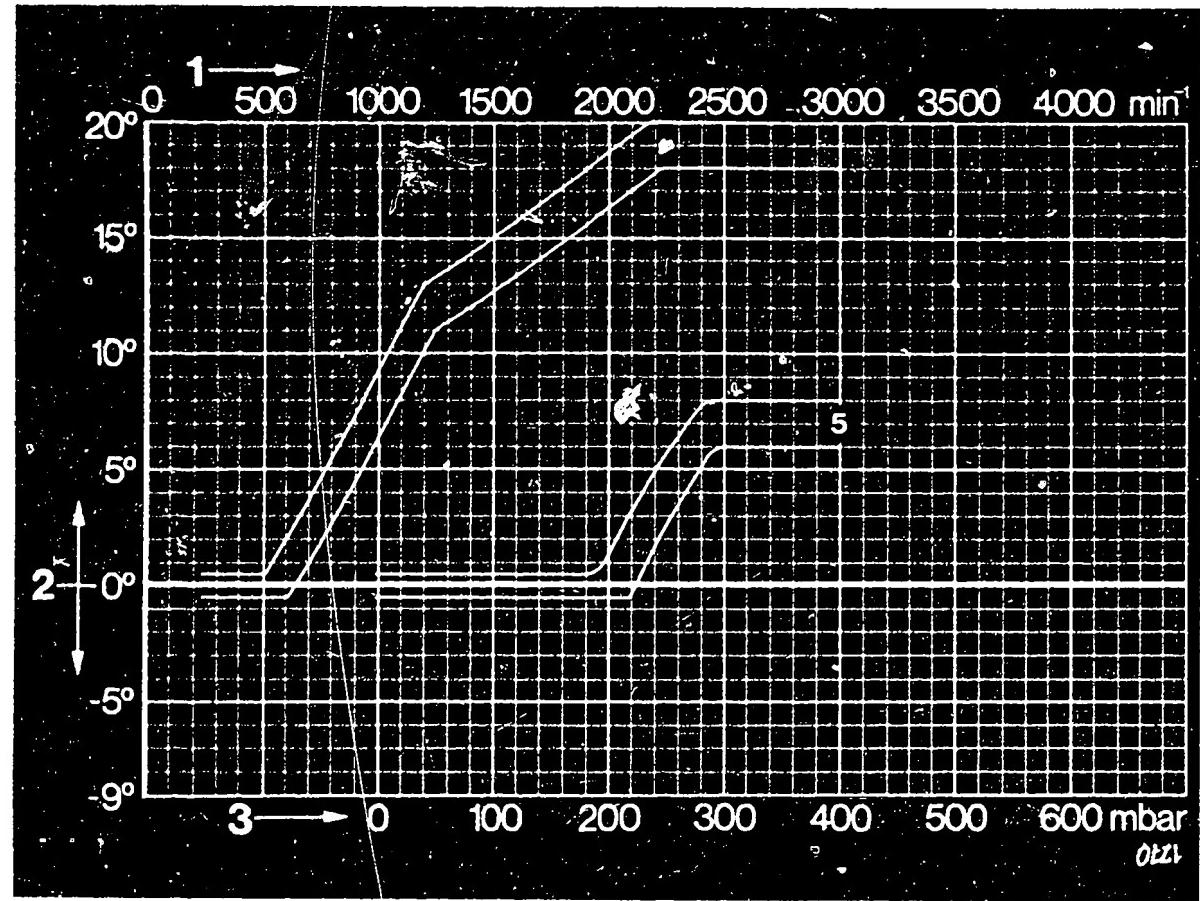
W-231/300

**K24**

Test specifications

Ignition distributors 0 231 ..





0 231 305 093

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

Min. contact gap:	0.40 mm
Dwell angle:	$38 \pm 3^\circ$
Contact pressure:	5.0...6.3 N
Margin for tolerance:	$\pm 0.5^\circ$ dist. shaft

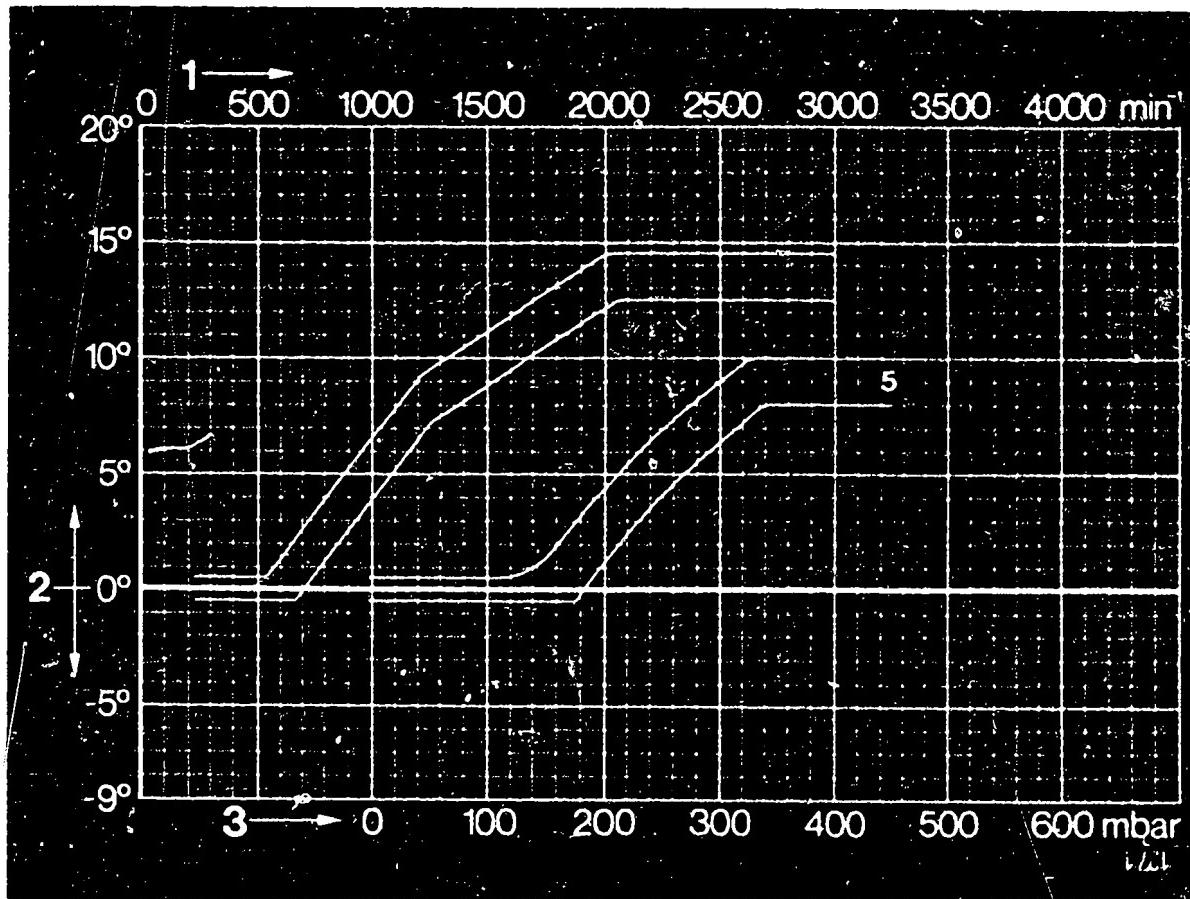
Test instructions: W-231/300

L1

Test specifications

Ignition distributors 0 231 ..





0 231 310 013

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

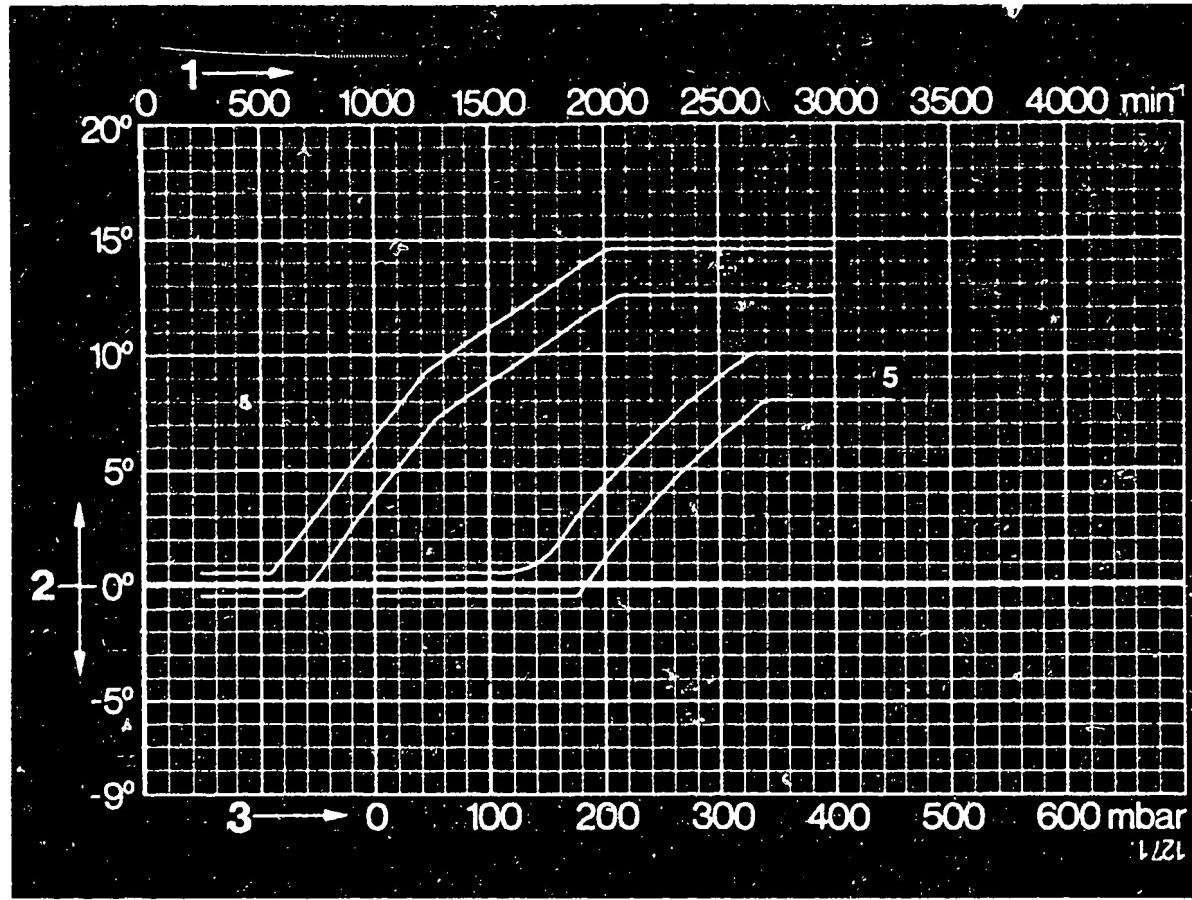
Min. contact gap:	0.40 mm
Dwell angle:	38 $\pm$ 3°
Contact pressure:	5.0...6.3 N
Margin for tolerance:	$\pm$ 0.5° dist. shaft
Cut-out speed of limiter:	2790 to 2990 min⁻¹
Test instructions:	W-231/300

L2

Test specifications

Ignition distributors 0 231 ..





0 231 310 014

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum) advance

Min. contact gap:

0.40 mm

Dwell angle:

$38 \pm 3^\circ$

Contact pressure:

5.0...6.3 N

Margin for tolerance:

$\pm 0.5^\circ$  dist. shaft

Cut-out speed of limiter:

2790 to 2990 min<sup>-1</sup>

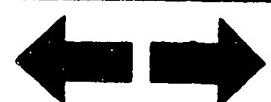
Test instructions:

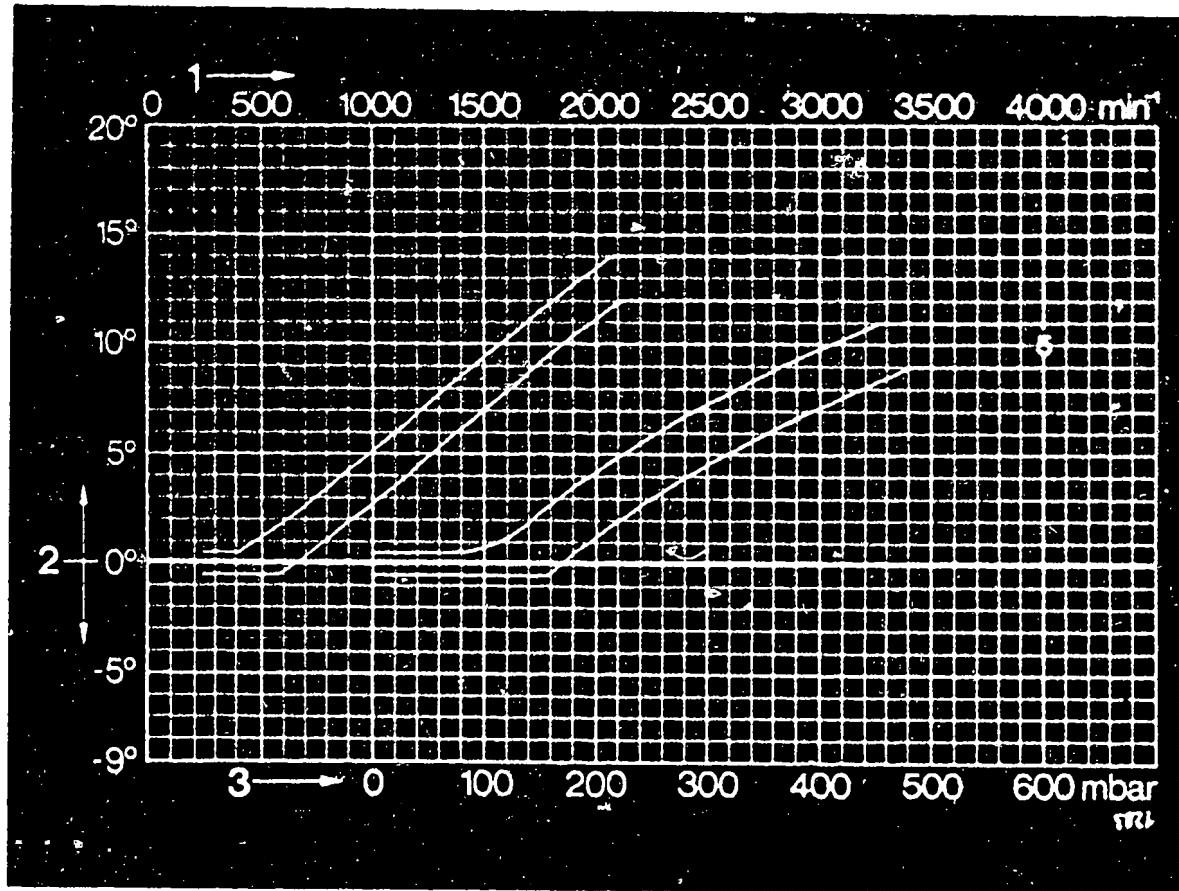
W-231/300

L3

Test specifications

Ignition distributors 0 231 ...





0 231 186 032

- 1 = Rotational speed, distributor shaft
- 2 = Distributor shaft adjustment
- 3 = Negative gauge pressure (vacuum)
- 5 = Negative gauge pressure (vacuum)

Min. contact gap:	0,4 mm
Dwell angle:	50 $\pm$ 3°
Contact pressure:	6,5...8,0 N
Margin for tolerance:	$\pm$ 0,5° dist. shaft

Test instructions: W-231/300

L4

Test specifications

Ignition distributors 0 231 ..



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017	---	A 17
021	129 →	A 18
029	632 →	A 19
163 033	648 →	K 18
164 001	908 →	A 20
004/005	631 →	A 21

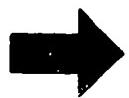


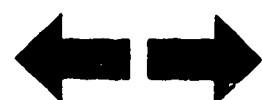
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206/207	630 →	C 5
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335 / 336	---	J 19
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Part number of distributors	FD	<u>Coordinates</u>
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174 011/012	532 →	E 22
176 013	628 →	E 23
039	---	E 24
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090	---	K 23
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103	921 →	F 6
106/107	532 →	F 7
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114	---	F 9
121	---	F 10
122/123	---	F 11
124/125	---	F 12
126	---	F 13
127	---	F 14
128	---	J 21
129/130	---	J 22
132	---	J 23
178 001	632 →	F 15
003/004	722 →	F 16
004	723 →	F 17
010	622 →	F 18
013	---	F 19
014	---	F 20
015	---	F 21
016	---	F 22
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004/005	---	G 6
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185 009	---	G 9
010	---	G 10
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004	---	H 2
005	---	H 3
188 002	---	H 4
003	---	H 5
191 001/002	---	H 6
003/004	---	H 7
005/006	---	H 8
007/008	---	K 1

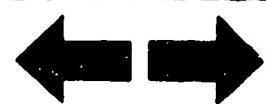


Table of contents (continuation)

Part number of distributors	FD	<u>Coordinates</u>
0 231 191 009/010	---	K 2
011/012	---	K 3
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011/012	---	K 8
013	---	L 2
014	---	L 3
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001	824 →	J 10



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